

UNITED STATES DISTRICT COURT  
WESTERN DISTRICT OF NEW YORK

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THE CAMPAIGN FOR BUFFALO HISTORY,  
ARCHITECTURE & CULTURE, INC.,

Petitioner,  
vs.

Civil Action No: \_\_\_\_\_

BUFFALO AND FORT ERIE PUBLIC BRIDGE  
AUTHORITY,

New York State Supreme Court  
Erie County Index No.: I2012-1976

Respondent.

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# **Certified Record of Proceedings**

## **Part 15**



STATE OF NEW YORK - DEPARTMENT OF LABOR  
**ASBESTOS CERTIFICATE**



SEAN R. MARMION  
CLASS (EXPIRES)  
DATE (05/12) DTSP (05/12)  
H-FM (05/12)



**CERT# 10-06946**  
**DMV# 353401142**

**MUST BE CARRIED ON ASBESTOS PROJECTS**



EYES GRN  
HAIR BRO  
HGT 6' 01"

IF FOUND RETURN TO:  
NYSDOL - L&C UNIT  
ROOM 161A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240

**Sean Marmion**

C – Air Sampling Technician  
D – Inspector  
H – Project Monitor



*Excellence in all we do.*

**WATTS** Architecture & Engineering, P.C.

**PBA000691**

**WATTS**

ARCHITECTURE &  
ENGINEERING, P.C.

95 Perry Street Suite 300  
Buffalo, New York 14203



**STATE OF NEW YORK - DEPARTMENT OF LABOR**

**ASBESTOS CERTIFICATE**



GERARD P. GRADY

CLASS (EXPIRES)

C-TEC (03/12) D-INS (03/12)

H-PM (03/12) P-03 (03/12)



**CERT# 00-22713**  
**DMV# 280882917**

**MUST BE CARRIED ON ASBESTOS PROJECTS**



EYES BLU  
HAIR BLN  
HGT 6' 03"

IF FOUND RETURN TO:  
NYSDEL - L&C UNIT  
ROOM 290A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240

**Jerry Grady**

C – Air Sampling Technician

D – Inspector

H – Project Monitor



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**WATTS** Architecture & Engineering, P.C.

**PBA000692**

PRE-DEMOLITION SURVEY  
FOR  
ASBESTOS-CONTAINING MATERIALS  
AT  
793 BUSTI AVENUE  
BUFFALO, NEW YORK

FEBRUARY 2012

Prepared For:

Buffalo & Fort Erie  
Public Bridge Authority  
1 Peace Bridge Plaza  
Buffalo, New York

Prepared By:

95 Perry Street, Suite 300  
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**WATTS**  
ARCHITECTURE &  
ENGINEERING, P.C.



PBA000693

PRE-DEMOLITION SURVEY  
FOR  
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1 Peace Bridge Plaza  
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95 Perry Street, Suite 300  
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## 1.0 – EXECUTIVE SUMMARY

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## 1.0 EXECUTIVE SUMMARY

Watts Architecture & Engineering, P.C. (Watts) was retained by the Buffalo & Fort Erie Public Bridge Authority to perform a pre-demolition survey for asbestos-containing materials (ACM) at 793 Busti Avenue in Buffalo, New York. The purpose of the survey was to determine the presence, location and quantity of ACM within the building prior to demolition of the structure in accordance with applicable regulations.

In addition to performing survey work and sample collection at this residential structure, Watts also performed survey work and sample collection at the detached garage at this address. The results of the garage investigation and sampling are included in this report.

The results for the PCB caulk/sealant investigation are listed under separate cover, along with an inventory of identified hazardous waste/contaminated materials.

Field survey work was conducted between January 19 and 25, 2012 and included the following:

- A visual site inspection to identify suspect ACM.
- Collection and laboratory analysis for asbestos content of samples from each suspect material identified.
- Documentation of bulk sample locations on floor-plan drawings and chain-of-custody forms.

This asbestos inspection included the collection of seventy-six (76) bulk samples. ACM is defined as any material containing more than one percent (1%) of asbestos. Based on the laboratory results from Watts' sampling at the location, the following ACM were identified:

### ASBESTOS-CONTAINING MATERIALS

- Roof tar at gutters – approximately 90 square feet.
- Flashing tar – approximately 45 square feet.
- Tar with aluminizer at the chimney – approximately 20 square feet.
- Air cell pipe insulation in the basement – approximately 240 linear feet.
- Old light fixture wiring in the 1<sup>st</sup> Floor west entrance – 2 fixtures.

### NON-ASBESTOS-CONTAINING MATERIALS

The following materials were determined not to be ACM:

- Garage roof shingle
- Garage roof tar paper



- Garage window glazing
- Rolled roofing
- Roof shingle
- Green roof shingle (bottom layer)
- Chimney brick mortar
- Brown felt paper under siding
- Black felt paper under siding
- Window glazing compound
- Storm window glazing compound
- Door caulk
- Ceiling & wall plaster
- Old gypsum board
- Brown drywall
- Joint compound on brown drywall
- White drywall
- Joint compound on white drywall
- 1' x 1' ceiling tile
- 2' x 2' ceiling tile
- 2' x 4' ceiling tile
- Paper under wood flooring
- Ceramic wall tile grout
- Ceramic wall tile mud set
- Ceramic floor tile grout/mud set
- Wallboard & adhesive
- 12" x 12" grey floor tile & adhesive
- 12" x 12" brown floor tile & adhesive
- 12" x 12" tan floor tile & adhesive
- Old house wiring

## SITE OBSERVATIONS

Watts attempted to identify foundation waterproofing materials at this location, as these materials are potentially asbestos-containing. Watts did not observe any foundation waterproofing at this location.

The samples collected and the conditions noted reflect the areas that Watts' personnel observed. In the event other suspect materials are identified during work activities, Watts recommends these materials are sampled and analyzed for asbestos content.

Chain-of-custody forms, laboratory results, laboratory accreditations, and consultant's certifications and license relating to this ACM survey are included in this report. Also included is a sample location drawing indicating the approximate locations of the asbestos bulk samples collected. Refer to the appropriate sections of the report for this information.

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## 2.0 – ASBESTOS-CONTAINING MATERIALS

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## 2.0 ASBESTOS-CONTAINING MATERIALS

This section includes information on all suspect ACM sampled. This section contains the following: Homogeneous Materials List containing the homogeneous materials identified, their corresponding sample numbers and whether or not they are ACM, as well as a drawing identifying the approximate locations of asbestos bulk samples.

For each functional space, all ACM that was identified within that space has been inspected in order to determine its approximate quantity, condition, and whether it is friable or non-friable. Where possible, Watts visually inspected the identified ACM to assess its condition. The condition of the ACM was classified as good, fair or poor. The requirement for each designation is as follows:

*Good* Material with no visible damage or deterioration or showing very limited damage or deterioration.

*Fair* The surface of the material is crumbling, blistering, water-stained, gouged, punctured or otherwise damaged with the damage covering less than one tenth of the surface if the damage is evenly distributed or up to 25% of the material if the damage is localized.

*Poor* The surface of the material is crumbling, blistering, water-stained, gouged, punctured or otherwise damaged with the damage covering more than one tenth of the surface if the damage is evenly distributed or more than 25% of the material if the damage is localized. Material with large areas hanging from the substrate, delaminated, heavily gouged, crushed, etc.

### Results

NA – Not Analyzed

ND – None Detected

NA/PS – Not Analyzed / Positive Stop

NON-ACM – Final residue < 1% of original subsample

### Type

M – Miscellaneous

T – Thermal System Insulation

S – Surfacing

### ACM

Y – Yes

N – No

**Bold rows identify asbestos-containing materials.**

HOMOGENEOUS MATERIALS LIST  
793 BUSTI AVENUE  
BUFFALO, NEW YORK

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Garage Roof Shingle	Garage - North Side, Central Garage - West Side, Central	M	793-01 793-02	ND ND	ND ND	N
Garage Roof Tar Paper	Garage - North Side, Central Garage - West Side, Central	M	793-03 793-04	ND ND	ND ND	N
Garage Window Glazing Compound	Garage – South Garage - East	M	793-05 793-06	ND ND	ND ND	N
Rolled Roofing	Upper Front Porch Floor, East Upper Front Porch Floor, Central	M	793-07 793-08	ND ND	ND ND	N
Roof Shingle	East End of E. Roof, Central NW Corner	M	793-09 793-10	ND ND	ND ND	N
Green Roof Shingle (Bottom Layer)	East End of E. Roof, Central NW Corner	M	793-11 793-12	ND ND	ND ND	N
Roof Tar at Gutters	East End of E. Roof, Central NW Corner	M	793-13 793-14	23.3% Chrysotile NA/PS	NA NA	Y
Flashing Tar	West End of E. Roof, Central Near NW Chimney	M	793-15 793-16	4.4% Chrysotile NA/PS	NA NA	Y
Tar w/ Aluminizer	At NW Chimney At NW Chimney	M	793-17 793-18	2.2% Chrysotile NA/PS	NA NA	Y
Chimney Brick Mortar	At NW Chimney At NW Chimney	M	793-19 793-20	ND ND	NA NA	N
Brown Felt Paper under Siding	South Wall, West South Wall, West	M	793-21 793-22	ND ND	NA NA	N
Black Felt Paper under Siding	West Wall, South West Wall, South	M	793-23 793-24	ND ND	ND ND	N
Window Glazing Compound	South Wall, Central East of North Entry	M	793-25 793-26	ND ND	< 1% Anthophyllite < 1% Anthophyllite	N
Storm Window Glazing Compound	East of North Entry East of North Entry	M	793-27 793-28	ND ND	ND ND	N
Door Caulk	North Entry North Entry	M	793-29 793-30	ND ND	ND ND	N
Air Cell Pipe Insulation	Basement – East Basement - North/Central Basement - West	T	793-31 793-32 793-33	67.0% Chrysotile NA/PS NA/PS	NA NA NA	Y

**HOMOGENEOUS MATERIALS LIST**  
**793 BUSTI AVENUE**  
**BUFFALO, NEW YORK**

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Ceiling & Wall Plaster	1 <sup>st</sup> Floor at West Entrance	S	793-34	ND	NA	N
	1 <sup>st</sup> Floor Kitchen		793-35	ND	NA	
	1 <sup>st</sup> Floor East Bedroom		793-36	ND	NA	
	2 <sup>nd</sup> Floor Stair Landing		793-37	ND	NA	
	2 <sup>nd</sup> Floor SE Bedroom		793-38	ND	NA	
	2 <sup>nd</sup> Floor N. Bedroom		793-39	ND	NA	
	2 <sup>nd</sup> Floor Hallway at Bedrooms		793-40	ND	NA	
Old Gypsum Board	2 <sup>nd</sup> Floor Hallway	M	793-41	ND	NA	N
	2 <sup>nd</sup> Floor Hallway		793-42	ND	NA	
Brown Drywall	2 <sup>nd</sup> Floor Dining Room	M	793-43	ND	NA	N
	2 <sup>nd</sup> Floor Dining Room		793-44	ND	NA	
Joint Compound on Brown Drywall	2 <sup>nd</sup> Floor Dining Room	M	793-45	ND	NA	N
	2 <sup>nd</sup> Floor Dining Room		793-46	ND	NA	
White Drywall	Attic at Central Doorway	M	793-47	ND	NA	N
	Attic at East Window		793-48	ND	NA	
Joint Compound on White Drywall	Attic at Central Doorway	M	793-49	ND	NA	N
	Attic at East Window		793-50	ND	NA	
1' x 1' Ceiling Tile	1 <sup>st</sup> Floor Room S. of Dining Room	M	793-51	ND	ND	N
	1 <sup>st</sup> Floor Room S. of Dining Room		793-52	ND	ND	
2' x 2' Ceiling Tile	1 <sup>st</sup> Floor Bathroom	M	793-53	ND	ND	N
	1 <sup>st</sup> Floor Bathroom		793-54	ND	ND	
2' x 4' Ceiling Tile	2 <sup>nd</sup> Floor at Stair Landing	M	793-55	ND	ND	N
	2 <sup>nd</sup> Floor at Stair Landing		793-56	ND	ND	
Paper under Wood Flooring	1 <sup>st</sup> Floor Living Room	M	793-57	ND	NA	N
	2 <sup>nd</sup> Floor NE Bedroom		793-58	ND	NA	
Ceramic Wall Tile Grout	2 <sup>nd</sup> Floor Bathroom	M	793-59	ND	NA	N
	2 <sup>nd</sup> Floor Bathroom		793-60	ND	NA	
Ceramic Wall Tile Mud Set	2 <sup>nd</sup> Floor Bathroom	M	793-61	ND	NA	N
	2 <sup>nd</sup> Floor Bathroom		793-62	ND	NA	
Ceramic Floor Tile Grout/Mud Set	2 <sup>nd</sup> Floor Bathroom	M	793-63	ND	NA	N
	2 <sup>nd</sup> Floor Bathroom		793-64	ND	NA	
Wallboard & Adhesive	1 <sup>st</sup> Floor Kitchen	M	793-65	ND	ND	N
	1 <sup>st</sup> Floor Kitchen		793-66	ND	ND	
12" x 12" Grey Floor Tile & Adhesive	2 <sup>nd</sup> Floor Kitchen	M	793-67	ND	ND	N
	2 <sup>nd</sup> Floor Kitchen		793-68	ND	ND	
12" x 12" Brown Floor Tile & Adhesive	2 <sup>nd</sup> Floor Hall at Kitchen/Bathroom	M	793-69	ND	ND	N
	2 <sup>nd</sup> Floor Hall at Kitchen/Bathroom		793-70	ND	ND	
12"x 12" Tan Floor Tile & Adhesive	1 <sup>st</sup> Floor Kitchen	M	793-71	ND	ND	N
	1 <sup>st</sup> Floor Kitchen		793-72	ND	ND	

HOMOGENEOUS MATERIALS LIST  
793 BUSTI AVENUE  
BUFFALO, NEW YORK

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Old House Wiring	1 <sup>st</sup> Floor Dining Room	M	793-73	ND	ND	N
	1 <sup>st</sup> Floor Dining Room		793-74	ND	ND	
Old Light Fixture Wiring	1 <sup>st</sup> Floor at West Entrance	M	793-75	40.2% Chrysotile NA/PS	NA	Y
	1 <sup>st</sup> Floor at West Entrance		793-76		NA	

## IDENTIFIED ASBESTOS-CONTAINING MATERIALS SUMMARY

793 BUSTI AVENUE  
BUFFALO, NEW YORK

Room	Identified ACM	Approximate Quantity	Condition	Friable/ Non-Friable
Exterior				
Roof	Roof tar at gutters	90 sf	Fair	Non-Friable
	Flashing tar	45 sf	Fair	Non-Friable
	Tar with aluminizer at the NW chimney	20 sf	Fair	Non-Friable
Basement				
Basement	Air cell pipe insulation	240 lf	Fair	Friable
First Floor				
West Entrance	Old light fixture wiring	2 fixtures	Fair	Non-Friable
Living Room	No Identified ACM			
Dining Room	No Identified ACM			
Kitchen	No Identified ACM			
Rear Bedroom	No Identified ACM			
Bathroom	No Identified ACM			
Sitting Room	No Identified ACM			
Front Bedroom	No Identified ACM			
Second Floor				
Entrance and Stairway	No Identified ACM			
Living Room	No Identified ACM			
Dining Room	No Identified ACM			
Kitchen	No Identified ACM			
Bathroom Hallway and Closet	No Identified ACM			
Bathroom	No Identified ACM			
Northeast Bedroom	No Identified ACM			
Southeast Bedroom	No Identified ACM			
North Bedroom	No Identified ACM			
Attic				
Attic	No Identified ACM			

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## 2.1      LABORATORY REPORT

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**EMSL Analytical, Inc.**

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Phone/Fax: (716) 651-0030 / (716) 651-0394

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ProjectID:	Peace Bridge Autho

Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
 Fax: (716) 206-5199  
 Collected: 1/25/2012  
 Received: 01/25/2012 5:10 PM  
 Analysis Date: 2/2/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
 793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-01	PLM NYS 198.1 Friable						Not Analyzed
141200473-0001	PLM NYS 198.6 NOB	2/1/2012	Gray /Black		N/A	Inconclusive: None Detected	
garage roof shingle	TEM NYS 198.4 NOB	2/2/2012	Gray /Black		N/A	None Detected	
793-02	PLM NYS 198.1 Friable						Not Analyzed
141200473-0002	PLM NYS 198.6 NOB	2/1/2012	Gray /Black		N/A	Inconclusive: None Detected	
garage roof shingle	TEM NYS 198.4 NOB	2/2/2012	Gray /Black		N/A	None Detected	
793-03	PLM NYS 198.1 Friable						Not Analyzed
141200473-0003	PLM NYS 198.6 NOB	2/1/2012	Black		N/A	Inconclusive: None Detected	
garage roof tar paper	TEM NYS 198.4 NOB	2/2/2012	Black		N/A	None Detected	
793-04	PLM NYS 198.1 Friable						Not Analyzed
141200473-0004	PLM NYS 198.6 NOB	2/1/2012	Black		N/A	Inconclusive: None Detected	
garage roof tar paper	TEM NYS 198.4 NOB	2/2/2012	Black		N/A	None Detected	
793-05	PLM NYS 198.1 Friable						Not Analyzed
141200473-0005	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
garage window glazing	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	None Detected	
793-06	PLM NYS 198.1 Friable						Not Analyzed
141200473-0006	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
garage window glazing	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-07	PLM NYS 198.1 Friable						Not Analyzed
141200473-0007	PLM NYS 198.6 NOB	2/1/2012	Black /Silver		N/A	Inconclusive: None Detected	
rolled roofing	TEM NYS 198.4 NOB	2/2/2012	Black /Silver		N/A	None Detected	

Initial Report From 02/02/2012 08:41:06

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

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 Analysis Date: 2/2/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,**  
**793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-08	PLM NYS 198.1 Friable						Not Analyzed
141200473-0008	PLM NYS 198.6 NOB	2/1/2012	Black /Silver		N/A	Inconclusive: None Detected	
rolled roofing	TEM NYS 198.4 NOB	2/2/2012	Black /Silver		N/A	None Detected	
793-09	PLM NYS 198.1 Friable						Not Analyzed
141200473-0009	PLM NYS 198.6 NOB	2/1/2012	Various		N/A	Inconclusive: None Detected	
roof shingle	TEM NYS 198.4 NOB	2/2/2012	Various		N/A	None Detected	
793-10	PLM NYS 198.1 Friable						Not Analyzed
141200473-0010	PLM NYS 198.6 NOB	2/1/2012	Gray /Black		N/A	Inconclusive: None Detected	
roof shingle	TEM NYS 198.4 NOB	2/2/2012	Gray /Black		N/A	None Detected	
793-11	PLM NYS 198.1 Friable						Not Analyzed
141200473-0011	PLM NYS 198.6 NOB	2/1/2012	Red /Black		N/A	Inconclusive: None Detected	
green roof shingle, 2nd layer	TEM NYS 198.4 NOB	2/2/2012	Red /Black		N/A	None Detected	
793-12	PLM NYS 198.1 Friable						Not Analyzed
141200473-0012	PLM NYS 198.6 NOB	2/1/2012	Brown /Tan		N/A	Inconclusive: None Detected	
green roof shingle, 2nd layer	TEM NYS 198.4 NOB	2/2/2012	Brown /Tan		N/A	None Detected	
793-13	PLM NYS 198.1 Friable						Not Analyzed
141200473-0013	PLM NYS 198.6 NOB	2/1/2012	Black		N/A	23.3% Chrysotile	
roof tar beneath shingle						23.3% Total	
	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	
793-14	PLM NYS 198.1 Friable						Not Analyzed
141200473-0014	PLM NYS 198.6 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	
roof tar beneath shingle	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	

Initial Report From 02/02/2012 08:41:06

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Project: **12005 / PBA, Busti Avenue Residence Structures,**  
**793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-15	PLM NYS 198.1 Friable						Not Analyzed
141200473-0015	PLM NYS 198.6 NOB	2/1/2012	Black /Silver		N/A	4.4% Chrysotile	
flashing tar						4.4% Total	
	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	
793-16	PLM NYS 198.1 Friable						Not Analyzed
141200473-0016	PLM NYS 198.6 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	
flashing tar	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	
793-17	PLM NYS 198.1 Friable						Not Analyzed
141200473-0017	PLM NYS 198.6 NOB	2/1/2012	Black /Silver		N/A	2.2% Chrysotile	
tar w/aluminizer						2.2% Total	
	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	
793-18	PLM NYS 198.1 Friable						Not Analyzed
141200473-0018	PLM NYS 198.6 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	
tar w/aluminizer	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	
793-19	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0019	PLM NYS 198.6 NOB				N/A		Not Analyzed
chimney brick mortar	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-20	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0020	PLM NYS 198.6 NOB				N/A		Not Analyzed
chimney brick mortar	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-21	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0021	PLM NYS 198.6 NOB				N/A		Not Analyzed
brown felt paper under siding	TEM NYS 198.4 NOB				N/A		Not Analyzed

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**793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-22	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0022	PLM NYS 198.6 NOB				N/A		Not Analyzed
brown felt paper under siding	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-23	PLM NYS 198.1 Friable						Not Analyzed
141200473-0023	PLM NYS 198.6 NOB	2/1/2012	Black		N/A	Inconclusive: None Detected	
black felt paper under siding	TEM NYS 198.4 NOB	2/2/2012	Black		N/A	None Detected	
793-24	PLM NYS 198.1 Friable						Not Analyzed
141200473-0024	PLM NYS 198.6 NOB	2/1/2012	Black		N/A	Inconclusive: None Detected	
black felt paper under siding	TEM NYS 198.4 NOB	2/2/2012	Black		N/A	None Detected	
793-25	PLM NYS 198.1 Friable						Not Analyzed
141200473-0025	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
window glazing	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	<1% Anthophyllite <1% Total	
793-26	PLM NYS 198.1 Friable						Not Analyzed
141200473-0026	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
window glazing	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	<1% Anthophyllite <1% Total	
793-27	PLM NYS 198.1 Friable						Not Analyzed
141200473-0027	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
storm window glazing	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-28	PLM NYS 198.1 Friable						Not Analyzed
141200473-0028	PLM NYS 198.6 NOB	2/1/2012	White /Black		N/A	Inconclusive: None Detected	
storm window glazing	TEM NYS 198.4 NOB	2/2/2012	White /Black		N/A	None Detected	

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Project: **12005 / PBA, Busti Avenue Residence Structures,**  
**793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-29	PLM NYS 198.1 Friable						Not Analyzed
141200473-0029	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
door caulk	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	None Detected	
793-30	PLM NYS 198.1 Friable						Not Analyzed
141200473-0030	PLM NYS 198.6 NOB	2/1/2012	White		N/A	Inconclusive: None Detected	
door caulk	TEM NYS 198.4 NOB	2/2/2012	White		N/A	None Detected	
793-31	PLM NYS 198.1 Friable	2/1/2012	Gray		33.0%	67.00% Chrysotile	
141200473-0031	PLM NYS 198.6 NOB				N/A		Not Analyzed
air cell pipe insulation	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-32	PLM NYS 198.1 Friable	2/1/2012				Positive Stop	
141200473-0032	PLM NYS 198.6 NOB				N/A		Not Analyzed
air cell pipe insulation	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-33	PLM NYS 198.1 Friable	2/1/2012				Positive Stop	
141200473-0033	PLM NYS 198.6 NOB				N/A		Not Analyzed
air cell pipe insulation	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-34-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0034	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-34-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0034A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-35-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0035	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-35-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0035A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-36-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0036	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-36-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0036A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-37-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0037	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-37-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0037A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-38-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0038	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-38-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0038A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-39-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0039	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-39-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0039A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-40-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0040	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-40-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0040A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-41	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0041	PLM NYS 198.6 NOB				N/A		Not Analyzed
old gypsum board	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-42	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0042	PLM NYS 198.6 NOB				N/A		Not Analyzed
old gypsum board	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-43-Drywall	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0043	PLM NYS 198.6 NOB				N/A		Not Analyzed
brown drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-43-Paper	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0043A	PLM NYS 198.6 NOB				N/A		Not Analyzed
brown drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-44-Drywall	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0044	PLM NYS 198.6 NOB				N/A		Not Analyzed
brown drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-44-Paper	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0044A	PLM NYS 198.6 NOB				N/A		Not Analyzed
brown drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-45	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0045	PLM NYS 198.6 NOB				N/A		Not Analyzed
joint compound on brown drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-46	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0046	PLM NYS 198.6 NOB				N/A		Not Analyzed
joint compound on brown drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-47-Drywall	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0047	PLM NYS 198.6 NOB				N/A		Not Analyzed
white drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-47-Paper	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0047A	PLM NYS 198.6 NOB				N/A		Not Analyzed
white drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-48-Drywall	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0048	PLM NYS 198.6 NOB				N/A		Not Analyzed
white drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-48-Paper	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0048A	PLM NYS 198.6 NOB				N/A		Not Analyzed
white drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-49	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0049	PLM NYS 198.6 NOB				N/A		Not Analyzed
joint compound on white drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-50	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200473-0050	PLM NYS 198.6 NOB				N/A		Not Analyzed
joint compound on white drywall	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-51	PLM NYS 198.1 Friable						Not Analyzed
141200473-0051	PLM NYS 198.6 NOB	2/1/2012	Brown /White		N/A	Inconclusive: None Detected	
1"x1" ceiling tile	TEM NYS 198.4 NOB	2/2/2012	Brown /White		N/A	None Detected	
793-52	PLM NYS 198.1 Friable						Not Analyzed
141200473-0052	PLM NYS 198.6 NOB	2/1/2012	Brown /White		N/A	Inconclusive: None Detected	
1"x1" ceiling tile	TEM NYS 198.4 NOB	2/2/2012	Brown /White		N/A	None Detected	

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Project: **12005 / PBA, Busti Avenue Residence Structures,**  
**793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-53	PLM NYS 198.1 Friable						Not Analyzed
141200473-0053	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
2"x2" ceiling tile	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-54	PLM NYS 198.1 Friable						Not Analyzed
141200473-0054	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
2"x2" ceiling tile	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-55	PLM NYS 198.1 Friable						Not Analyzed
141200473-0055	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
2"x4" ceiling tile	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-56	PLM NYS 198.1 Friable						Not Analyzed
141200473-0056	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
2"x4" ceiling tile	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-57	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0057	PLM NYS 198.6 NOB				N/A		Not Analyzed
paper under wood flooring	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-58	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200473-0058	PLM NYS 198.6 NOB				N/A		Not Analyzed
paper under wood flooring	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-59	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0059	PLM NYS 198.6 NOB				N/A		Not Analyzed
ceramic wall tile grout	TEM NYS 198.4 NOB				N/A		Not Analyzed

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**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-60	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0060	PLM NYS 198.6 NOB				N/A		Not Analyzed
ceramic wall tile grout	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-61	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0061	PLM NYS 198.6 NOB				N/A		Not Analyzed
ceramic wall tile mud set	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-62	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0062	PLM NYS 198.6 NOB				N/A		Not Analyzed
ceramic wall tile mud set	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-63	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0063	PLM NYS 198.6 NOB				N/A		Not Analyzed
ceramic floor tile grout/mud set	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-64	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200473-0064	PLM NYS 198.6 NOB				N/A		Not Analyzed
ceramic floor tile grout/mud set	TEM NYS 198.4 NOB				N/A		Not Analyzed
793-65	PLM NYS 198.1 Friable						Not Analyzed
141200473-0065	PLM NYS 198.6 NOB	2/1/2012	Various		N/A	Inconclusive: None Detected	
wall board & adhesive	TEM NYS 198.4 NOB	2/2/2012	Various		N/A	None Detected	
793-66	PLM NYS 198.1 Friable						Not Analyzed
141200473-0066	PLM NYS 198.6 NOB	2/1/2012	Various		N/A	Inconclusive: None Detected	
wall board & adhesive	TEM NYS 198.4 NOB	2/2/2012	Various		N/A	None Detected	

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**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-67	PLM NYS 198.1 Friable						Not Analyzed
141200473-0067	PLM NYS 198.6 NOB	2/1/2012	Gray /Yellow		N/A	Inconclusive: None Detected	
12" gray floor tile & adhesive	TEM NYS 198.4 NOB	2/2/2012	Gray /Yellow		N/A	None Detected	
793-68	PLM NYS 198.1 Friable						Not Analyzed
141200473-0068	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
12" gray floor tile & adhesive	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	None Detected	
793-69	PLM NYS 198.1 Friable						Not Analyzed
141200473-0069	PLM NYS 198.6 NOB	2/1/2012	White /Black		N/A	Inconclusive: None Detected	
12" brown floor tile & adhesive	TEM NYS 198.4 NOB	2/2/2012	White /Black		N/A	None Detected	
793-70	PLM NYS 198.1 Friable						Not Analyzed
141200473-0070	PLM NYS 198.6 NOB	2/1/2012	White /Black		N/A	Inconclusive: None Detected	
12" brown floor tile & adhesive	TEM NYS 198.4 NOB	2/2/2012	White /Black		N/A	None Detected	
793-71	PLM NYS 198.1 Friable						Not Analyzed
141200473-0071	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
12" tan floor tile	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	None Detected	
793-71	PLM NYS 198.1 Friable						Not Analyzed
141200473-0072	PLM NYS 198.6 NOB	2/1/2012	Yellow		N/A	Inconclusive: None Detected	
adhesive	TEM NYS 198.4 NOB	2/2/2012	Yellow		N/A	None Detected	
793-72	PLM NYS 198.1 Friable						Not Analyzed
141200473-0073	PLM NYS 198.6 NOB	2/1/2012	Gray		N/A	Inconclusive: None Detected	
12" tan floor tile	TEM NYS 198.4 NOB	2/2/2012	Gray		N/A	None Detected	

Initial Report From 02/02/2012 08:41:06

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone/Fax: (716) 651-0030 / (716) 651-0394

<http://www.emsl.com>[buffalolab@emsl.com](mailto:buffalolab@emsl.com)

EMSL Order: 141200473  
 CustomerID: WATT50  
 CustomerPO:  
 ProjectID: Peace Bridge Autho

Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
 Fax: (716) 206-5199  
 Collected: 1/25/2012  
 Received: 01/25/2012 5:10 PM  
 Analysis Date: 2/2/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
 793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
793-72	PLM NYS 198.1 Friable						Not Analyzed
141200473-0074	PLM NYS 198.6 NOB	2/1/2012	Yellow		N/A	Inconclusive: None Detected	
adhesive	TEM NYS 198.4 NOB	2/2/2012	Yellow		N/A	None Detected	
793-73	PLM NYS 198.1 Friable						Not Analyzed
141200473-0075	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
old housing wiring	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-74	PLM NYS 198.1 Friable						Not Analyzed
141200473-0076	PLM NYS 198.6 NOB	2/1/2012	Gray /White		N/A	Inconclusive: None Detected	
old housing wiring	TEM NYS 198.4 NOB	2/2/2012	Gray /White		N/A	None Detected	
793-75	PLM NYS 198.1 Friable						Not Analyzed
141200473-0077	PLM NYS 198.6 NOB	2/1/2012	White /Black		N/A	40.2% Chrysotile	
old light fixture wiring						40.2% Total	
	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	
793-76	PLM NYS 198.1 Friable						Not Analyzed
141200473-0078	PLM NYS 198.6 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	
old light fixture wiring	TEM NYS 198.4 NOB	2/2/2012			N/A	Not Analyzed	

Initial Report From 02/02/2012 08:41:06

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone/Fax: (716) 651-0030 / (716) 651-0394

<http://www.emsl.com>[buffalolab@emsl.com](mailto:buffalolab@emsl.com)

EMSL Order:	141200473
CustomerID:	WATT50
CustomerPO:	
ProjectID:	Peace Bridge Autho

Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
Fax: (716) 206-5199  
Collected: 1/25/2012  
Received: 01/25/2012 5:10 PM  
Analysis Date: 2/2/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
793 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
Analyst(s)				<div>Rhonda McGee, Laboratory Manager or other approved signatory</div>			
Rachel Giese							
Rhonda McGee							

NOB = Non Friable Organically Bound N/A = Not Applicable

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The results in this report meet all requirements of the NELAC Standards unless otherwise noted. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB's. Quantitative TEM is currently the only method that can be used to determine if a NOB material can be considered or treated as non-asbestos containing.

Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

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## 2.2 – CHAIN-OF-CUSTODY FORMS

---

## BULK SAMPLE CHAIN-OF-CUSTODY FORM

The purpose of the chain-of-custody form is to reduce the possibility of misidentifying individual samples, to help trace any samples that may be lost, and to provide a record certifying that the samples were delivered to and received by the analytical laboratory.

An important feature of this form is the signature section at the bottom, identifying all persons who handled the samples.



**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

**141200473**

Page: 1 of 7

**Client:** Buffalo & Fort Erie Public Bridge Authority  
**Project:** PBA - Busti Avenue Residential Structures  
**Building / Location:** 793 Busti Avenue

**Watts Project No.:** 12005

**Contact:** Sean Marmion at (716) 361-0996  
**Email Preliminary Results to:**  
**Mail Report & Invoice to:** Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

**Turnaround Requested:** 3 Hr. 72 Hr.  
**Analysis Requested:** 6 Hr. 96 Hr.  
**PLM** X **TEM** X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-01	Garage Roof Shingle	Garage - North Side, Central		
793-02	Garage Roof Shingle	Garage - West Side, Central		
793-03	Garage Roof Tar Paper	Garage - North Side, Central		
793-04	Garage Roof Tar Paper	Garage - West Side, Central		
793-05	Garage Window Glazing	Garage - South		
793-06	Garage Window Glazing	Garage - East		
793-07	Rolled Roofing	Upper Front Porch Floor, East		
793-08	Rolled Roofing	Upper Front Porch Floor, Central		
793-09	Roof Shingle	East End of E. Roof, Central		
793-10	Roof Shingle	NW Corner		
793-11	Green Roof Shingle (2nd Layer)	East End of E. Roof, Central		
793-12	Green Roof Shingle (2nd Layer)	NW Corner		

**Sampled By:** Sean Marmion **Date:** 1/23/2012 **Received By:** Bill M Do **Date:** 1/25/12 5:10AM  
**Relinquished By:** [Signature] **Date:** 1/25/2012 **Received By:**                      **Date:**                     

**Comments:** Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200473

Page: 2 of 7Client: Buffalo & Fort Erie Public Bridge AuthorityDate: 1/25/2012Project: PBA - Busti Avenue Residential StructuresWatts Project No.: 12005Building / Location: 793 Busti AvenueContact: Sean Marmion at (716) 361-0996Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to:

Analysis Requested: 6 Hr. 96 Hr.Mail Report & Invoice to: Watts Architecture & Engineering, P.C.PLM X TEM X 24 Hr. X 1 Week95 Perry Street, Suite 300, Buffalo, NY 1420348 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-13	Roof Tar beneath Shingle	East End of E. Roof, Central		
793-14	Roof Tar beneath Shingle	NW Corner		
793-15	Flashing Tar	West End of E. Roof, Central		
793-16	Flashing Tar	Near NW Chimney		
793-17	Tar w/ Aluminizer	At NW Chimney		
793-18	Tar w/ Aluminizer	At NW Chimney		
793-19	Chimney Brick Mortar	At NW Chimney		
793-20	Chimney Brick Mortar	At NW Chimney		
793-21	Brown Felt Paper under Siding	South Wall, West		
793-22	Brown Felt Paper under Siding	South Wall, West		
793-23	Black Felt Paper under Siding	West Wall, South		
793-24	Black Felt Paper under Siding	West Wall, South		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M. Do Date: 1/25/2012 5:10PMRelinquished By: SE Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200473

Page: 3 of 7Client: Buffalo & Fort Erie Public Bridge AuthorityDate: 1/25/2012Project: PBA - Busti Avenue Residential StructuresWatts Project No.: 12005Building / Location: 793 Busti AvenueContact: Sean Marmion at (716) 361-0996Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to: \_\_\_\_\_

Analysis Requested: 6 Hr. 96 Hr.Mail Report & Invoice to: Watts Architecture & Engineering, P.C.PLM X TEM X 24 Hr. X 1 Week95 Perry Street, Suite 300, Buffalo, NY 1420348 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-25	Window Glazing	South Wall, Central		
793-26	Window Glazing	East of North Entry		
793-27	Storm Window Glazing	East of North Entry		
793-28	Storm Window Glazing	East of North Entry		
793-29	Door Caulk	North Entry		
793-30	Door Caulk	North Entry		
793-31	Air Cell Pipe Insulation	Basement - East		
793-32	Air Cell Pipe Insulation	Basement - North/Central		
793-33	Air Cell Pipe Insulation	Basement - West		
793-34	Plaster	1st Floor at West Entrance		
793-35	Plaster	1st Floor Kitchen		
793-36	Plaster	1st Floor, East Bedroom		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M Do Date: 1/25/12 5:10PMRelinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

Page: 4 of 7

Client: Buffalo & Fort Erie Public Bridge Authority  
Project: PBA - Busti Avenue Residential Structures  
Building / Location: 793 Busti Avenue

**141200473**

Date: 1/25/2012

Watts Project No.: 12005

Contact: Sean Marmion at (716) 361-0996  
Email Preliminary Results to:  
Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

Turnaround Requested: 3 Hr. 72 Hr.  
Analysis Requested: 6 Hr. 96 Hr.  
PLM X TEM X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-37	Plaster	2nd Floor, Stair Landing		
793-38	Plaster	2nd Floor, SE Bedroom		
793-39	Plaster	2nd Floor, N. Bedroom		
793-40	Plaster	2nd Floor, Hallway at Bedrooms		
793-41	Old Gypsum Board	2nd Floor Hallway		
793-42	Old Gypsum Board	2nd Floor Hallway		
793-43	Brown Drywall	2nd Floor, Dining Room		
793-44	Brown Drywall	2nd Floor, Dining Room		
793-45	Joint Compound on Brown Drywall	2nd Floor, Dining Room		
793-46	Joint Compound on Brown Drywall	2nd Floor, Dining Room		
793-47	White Drywall	Attic, At Central Doorway		
793-48	White Drywall	Attic, At East Window		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M DO Date: 1/25/12 5:10AM  
Relinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200473

Page: 5 of 7Client: Buffalo & Fort Erie Public Bridge AuthorityDate: 1/25/2012Project: PBA - Busti Avenue Residential StructuresWatts Project No.: 12005Building / Location: 793 Busti AvenueContact: Sean Marmion at (716) 361-0996Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to:

Analysis Requested: 6 Hr. 96 Hr.Mail Report & Invoice to: Watts Architecture & Engineering, P.C.PLM X TEM X 24 Hr. X 1 Week95 Perry Street, Suite 300, Buffalo, NY 1420348 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-49	Joint Compound on White Drywall	Attic, At Central Doorway		
793-50	Joint Compound on White Drywall	Attic, At East Window		
793-51	1' x 1' Ceiling Tile	1st Floor, Room S. of Dining Room		
793-52	1' x 1' Ceiling Tile	1st Floor, Room S. of Dining Room		
793-53	2' x 2' Ceiling Tile	1st Floor Bathroom		
793-54	2' x 2' Ceiling Tile	1st Floor Bathroom		
793-55	2' x 4' Ceiling Tile	2nd Floor, at Stair Landing		
793-56	2' x 4' Ceiling Tile	2nd Floor, at Stair Landing		
793-57	Paper under Wood Flooring	1st Floor Living Room		
793-58	Paper under Wood Flooring	2nd Floor, NE Bedroom		
793-59	Ceramic Wall Tile Grout	2nd Floor Bathroom		
793-60	Ceramic Wall Tile Grout	2nd Floor Bathroom		

Sampled By: Sean Marmion [Signature] Date: 1/23/2012 Received By: Bill M [Signature] Date: 1/25/12 5:10AMRelinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200473

Page: 6 of 7

Client: Buffalo & Fort Erie Public Bridge Authority

Date: 1/12/2012

Project: PBA - Busti Avenue Residential Structures

Watts Project No.: 12005

Building / Location: 793 Busti Avenue

Contact: Sean Marmion at (716) 361-0996

Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to:

Analysis Requested: 6 Hr. 96 Hr.

Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203
PLM X TEM X  
24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-61	Ceramic Wall Tile Mud Set	2nd Floor Bathroom		
793-62	Ceramic Wall Tile Mud Set	2nd Floor Bathroom		
793-63	Ceramic Floor Tile Grout/Mud Set	2nd Floor Bathroom		
793-64	Ceramic Floor Tile Grout/Mud Set	2nd Floor Bathroom		
793-65	Wallboard & Adhesive	1st Floor Kitchen		
793-66	Wallboard & Adhesive	1st Floor Kitchen		
793-67	12" Grey Floor Tile & Adhesive	2nd Floor Kitchen		
793-68	12" Grey Floor Tile & Adhesive	2nd Floor Kitchen		
793-69	12" Brown Floor Tile & Adhesive	2nd Floor Hall at Kitchen/Bathroom		
793-70	12" Brown Floor Tile & Adhesive	2nd Floor Hall at Kitchen/Bathroom		
793-71	12" Tan Floor Tile & Adhesive	1st Floor Kitchen		
793-72	12" Tan Floor Tile & Adhesive	1st Floor Kitchen		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M Date: 1/25/12 5:10AM

Relinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.



**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

**141200473**

Page: 7 of 7

Client: Buffalo & Fort Erie Public Bridge Authority

Project: PBA - Busti Avenue Residential Structures

Building / Location: 793 Busti Avenue

Contact: Sean Marmion at (716) 361-0996

Email Preliminary Results to:

Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

Watts Project No.: 12005

Date: 1/25/2012

Turnaround Requested: 3 Hr. 72 Hr.  
Analysis Requested: 6 Hr. 96 Hr.  
PLM X TEM X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
793-73	Old House Wiring	1st Floor Dining Room		
793-74	Old House Wiring	1st Floor Dining Room		
793-75	Old Light Fixture Wiring	1st Floor at West Entrance		
793-76	Old Light Fixture Wiring	1st Floor at West Entrance		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M DO Date: 1/25/12 5:14PM  
Relinquished By: [Signature] Date: 1/25/2012 Received By:   Date:  

Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

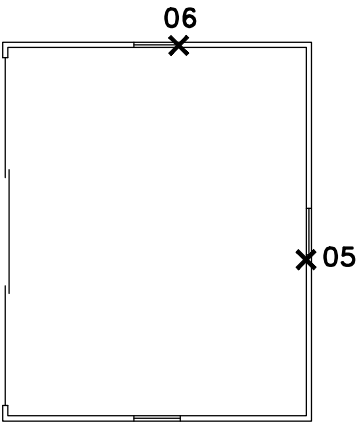
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## 2.3 – SAMPLE LOCATION DRAWING

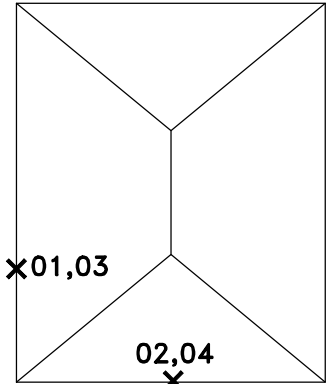
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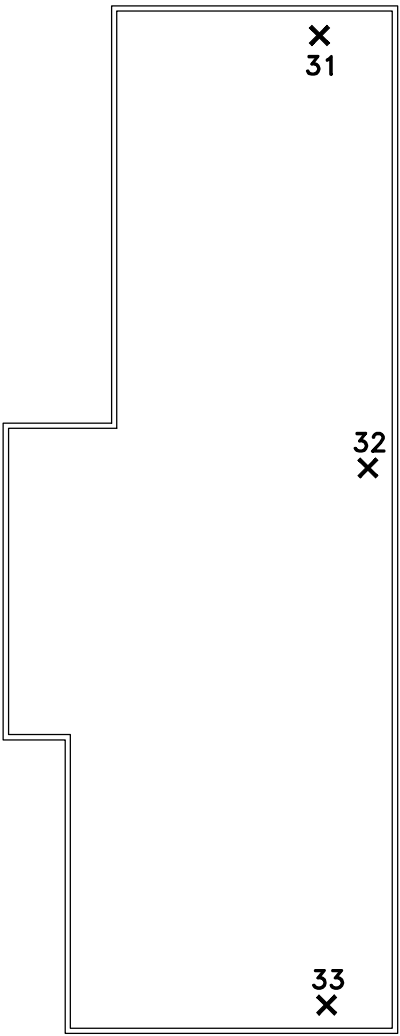
H:\2012\12005 Demolition of residential structures at Busti Avenue\18. CADD\Environmental\SL-1.dwg Feb 28, 2012, 2:59pm



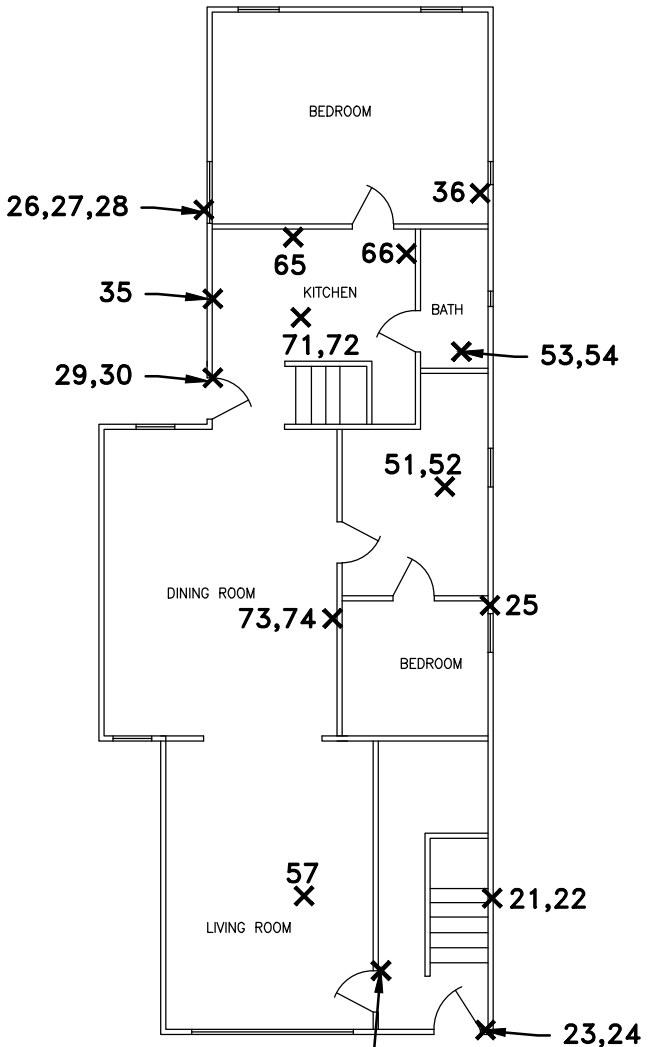
GARAGE PLAN



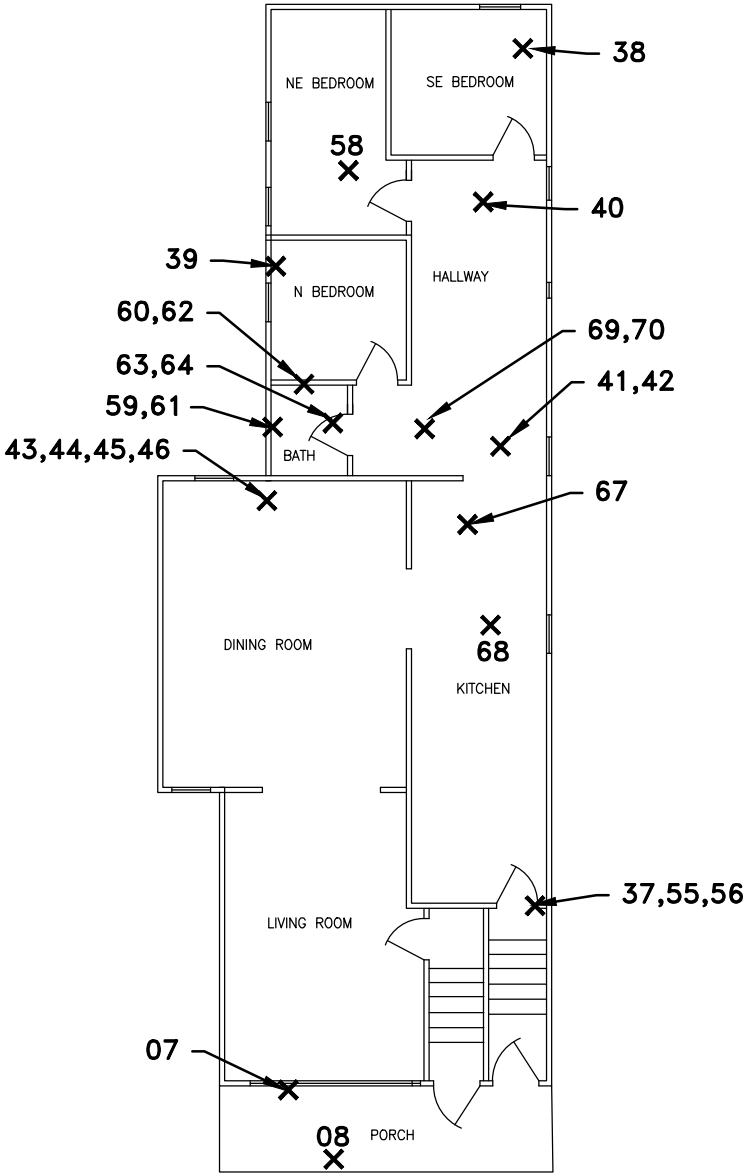
GARAGE ROOF PLAN



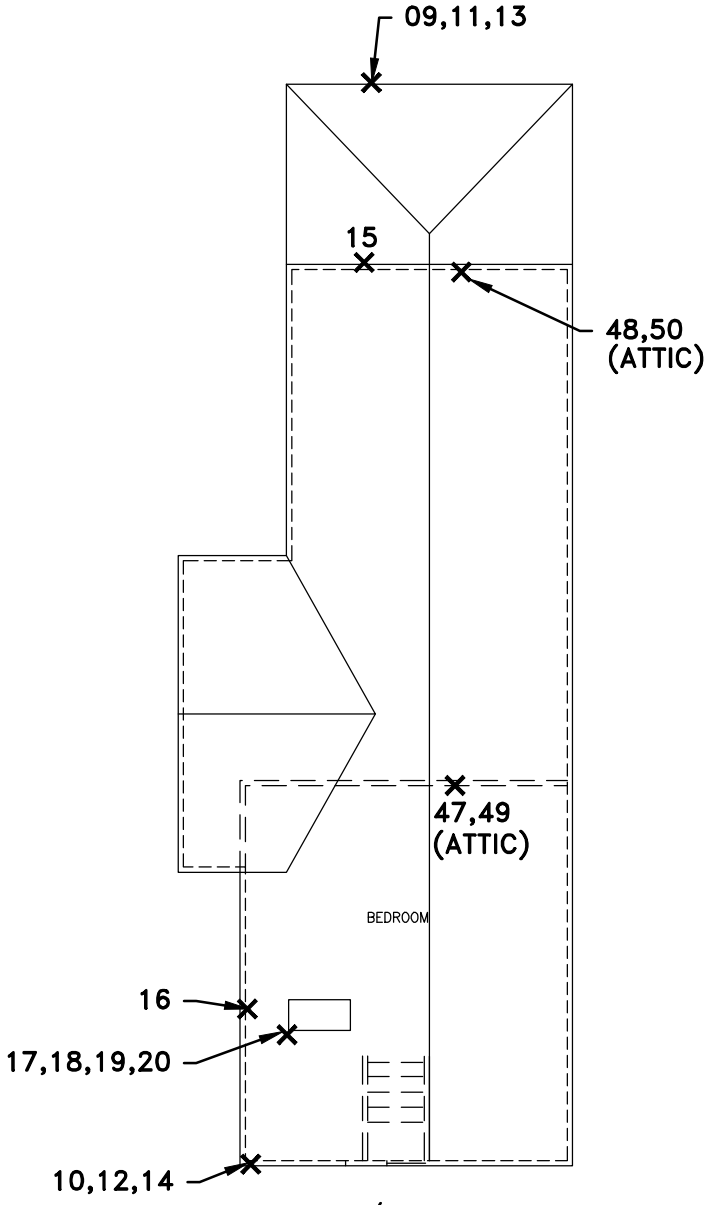
BASEMENT PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN



ROOF/ATTIC PLAN

ALL SAMPLES ARE PREFIXED BY **793-**  
SAMPLES WERE COLLECTED ON JANUARY 19 & 23, 2012.  
**X** INDICATES APPROXIMATE SAMPLE LOCATION



**WATTS  
ARCHITECTURE &  
ENGINEERING, P.C.**  
95 Perry Street, Suite 300  
Buffalo, New York 14203  
(716) 206-5100 | (716) 206-5199 Fax

ASBESTOS BULK SAMPLE LOCATIONS

793 BUSTI AVENUE  
BUFFALO, NEW YORK

NOT TO SCALE

FEBRUARY 2012

---

## 3.0 – LABORATORY ACCREDITATIONS

---



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMSL Analytical, Inc.**

490 Rowley Road

Depew, NY 14043

Ms. Rhonda McGee

Phone: (716) 651-0030 Fax: (716) 651-0394

E-Mail: [rmcgee@emsl.com](mailto:rmcgee@emsl.com)

URL: <http://www.emsl.com/>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 200056-0**

***NVLAP Code    Designation / Description***

**18/A01            EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation  
Samples**

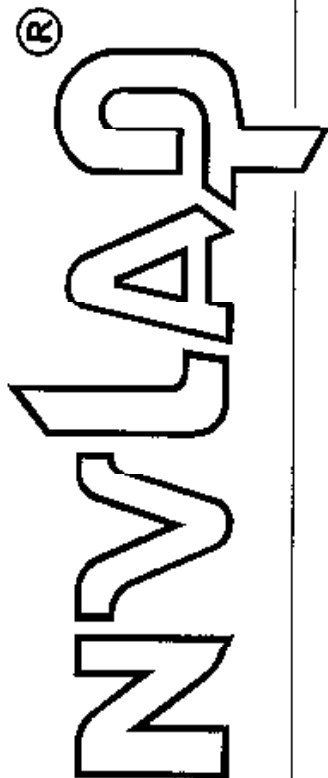
2011-07-01 through 2012-06-30

*Effective dates*

*Sally S. Bruce*

*For the National Institute of Standards and Technology*

United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200056-0

**EMSL Analytical, Inc.**  
Depew, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

### **BULK ASBESTOS FIBER ANALYSIS**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2011-07-01 through 2012-06-30

Effective dates



*Dolly S. Bruce*  
For the National Institute of Standards and Technology

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2012  
Issued April 01, 2011

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MS. RHONDA R. MCGEE  
EMSL ANALYTICAL INC  
490 ROWLEY ROAD  
DEPEW, NY 14043

NY Lab Id No: 11606  
EPA Lab Code: NY01278

*is hereby APPROVED as an Environmental Laboratory for the category*  
**ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE**  
*All approved subcategories and/or analytes are listed below:*

**Miscellaneous**

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

STATE OF NEW YORK  
DEPARTMENT OF HEALTH

**Serial No.: 44394**

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (516) 485-3570 to verify the laboratory's accreditation status.

---

## 4.0 – CONSULTANT’S LICENSE AND CERTIFICATIONS

---



**WATTS**

ARCHITECTURE &  
ENGINEERING, P.C.

95 Perry Street Suite 300  
Buffalo, New York 14203



**NEW YORK STATE - DEPARTMENT OF LABOR**

DIVISION OF SAFETY AND HEALTH  
LICENSE AND CERTIFICATE UNIT  
STATE CAMPUS BUILDING 12  
ALBANY, NY 12240

**ASBESTOS HANDLING LICENSE**

Watts Architecture & Engineering, P.C.  
Suite 300  
95 Perry Street  
Buffalo, NY 14203

FILE NUMBER: 99-0394  
LICENSE NUMBER: 29350  
LICENSE CLASS: RESTRICTED  
DATE OF ISSUE: 02/23/2011  
EXPIRATION DATE: 03/31/2012

Duly Authorized Representative - Edward O. Watts

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox, Director  
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)



*Excellence in all we do.*

**WATTS** Architecture & Engineering, P.C.

PBA000736

**WATTS**

ARCHITECTURE &  
ENGINEERING, P.C.

95 Perry Street Suite 300  
Buffalo, New York 14203



**STATE OF NEW YORK - DEPARTMENT OF LABOR**

**ASBESTOS CERTIFICATE**



SEAN R. MARMION  
CLASS (EXPIRES)  
DATE (05/12) DTSP (05/12)  
H-PM (05/12)



**CERT# 10-06946**  
**DMV# 353401142**

**MUST BE CARRIED ON ASBESTOS PROJECTS**



EYES GRN  
HAIR BRO  
HGT 6' 01"

IF FOUND RETURN TO:  
NYSDOL - L&C UNIT  
ROOM 161A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240

**Sean Marmion**

C – Air Sampling Technician  
D – Inspector  
H – Project Monitor



*Excellence in all we do.*

**WATTS** Architecture & Engineering, P.C.

**PBA000737**



**WATTS**

ARCHITECTURE &  
ENGINEERING, P.C.

95 Perry Street Suite 300  
Buffalo, New York 14203



**STATE OF NEW YORK - DEPARTMENT OF LABOR**

**ASBESTOS CERTIFICATE**



GERARD P. GRADY

CLASS (EXPIRES)

C-TEC (03/12) D-INS (03/12)

H-PM (03/12) P-03 (03/12)



**CERT# 00-22713**  
**DMV# 280882917**

**MUST BE CARRIED ON ASBESTOS PROJECTS**



EYES BLU  
HAIR BLN  
HGT 6' 03"

IF FOUND RETURN TO:  
NYSDEL - L&C UNIT  
ROOM 290A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240

**Jerry Grady**

C – Air Sampling Technician

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**WATTS** Architecture & Engineering, P.C.

**PBA000738**

PRE-DEMOLITION SURVEY  
FOR  
ASBESTOS-CONTAINING MATERIALS  
AT  
777 BUSTI AVENUE  
BUFFALO, NEW YORK

FEBRUARY 2012

Prepared For:

Buffalo & Fort Erie  
Public Bridge Authority  
1 Peace Bridge Plaza  
Buffalo, New York

Prepared By:

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**WATTS**  
ARCHITECTURE &  
ENGINEERING, P.C.



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## 1.0 – EXECUTIVE SUMMARY

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## 1.0 EXECUTIVE SUMMARY

Watts Architecture & Engineering, P.C. (Watts) was retained by the Buffalo & Fort Erie Public Bridge Authority to perform a pre-demolition survey for asbestos-containing materials (ACM) at 777 Busti Avenue in Buffalo, New York. The purpose of the survey was to determine the presence, location and quantity of ACM within the building prior to demolition of the structure in accordance with applicable regulations.

The results for the PCB caulk/sealant investigation are listed under separate cover, along with an inventory of identified hazardous waste/contaminated materials.

Field survey work was conducted between January 19 and 25, 2012 and included the following:

- A visual site inspection to identify suspect ACM.
- Collection and laboratory analysis for asbestos content of samples from each suspect material identified.
- Documentation of bulk sample locations on floor-plan drawings and chain-of-custody forms.

This asbestos inspection included the collection of seventy-seven (77) bulk samples. ACM is defined as any material containing more than one percent (1%) of asbestos. Based on the laboratory results from Watts' sampling at the location, the following ACM were identified:

### ASBESTOS-CONTAINING MATERIALS

- Roof tar on flashing and gutters – approximately 155 square feet.
- Chimney tar – approximately 40 square feet.
- 4" x 4" wall tile adhesive in 1<sup>st</sup> and 2<sup>nd</sup> floor kitchens and baths – approximately 720 square feet.
- Wall panel adhesive in the 1<sup>st</sup> and 2<sup>nd</sup> floor living rooms – approximately 296 square feet.
- 9" x 9" gold floor tile & adhesive in the 1<sup>st</sup> floor bathroom – approximately 25 square feet.
- 12" x 12" stone pattern floor tile & adhesive in the 1<sup>st</sup> floor kitchen and rear entrance – approximately 243 square feet.
- 12" x 12" tan stone floor tile & adhesive in the 1<sup>st</sup> floor, NW bedroom – approximately 100 square feet.
- 12" x 12" club pattern floor tile & adhesive in the hall and closet at 2<sup>nd</sup> floor bathroom – approximately 50 square feet.

- 12" x 12" textured grey floor tile & adhesive located within the 1<sup>st</sup> floor hallway between the SE bedroom and the NE bedroom, and located within the 1<sup>st</sup> floor SE and NE bedrooms – approximately 212 square feet.
- Green sheet flooring in the 1<sup>st</sup> floor entry vestibule – approximately 12 square feet.

Note: There is approximately 50 square feet of miscellaneous sheet flooring materials throughout the shelving/cabinets in the 1<sup>st</sup> floor kitchen. All of these materials are presumed to be ACM.

### NON-ASBESTOS-CONTAINING MATERIALS

The following materials were determined not to be ACM:

- Rolled roofing
- Roof tar paper
- Felt paper under slate roof
- Roof shingle
- Chimney brick mortar
- Felt paper under siding
- Felt paper under concrete porch
- Window glazing on storm windows
- Window glazing on stained glass window
- Window glazing on main windows of the structure
- Window glazing on basement windows
- Old house wiring
- Grout associated with mosaic ceramic wall tile
- Adhesive associated with mosaic ceramic wall tile
- 4" brown cove base & adhesive
- 1' x 1' ceiling tile
- Gypsum wallboard
- Plaster
- 12" x 12" wood grain floor tile & adhesive
- Yellow specked paneling
- Faux wood sheet flooring
- Brown sheet flooring (bottom layer)
- Marbled sheet flooring
- Parquet sheet flooring
- Grey pattern sheet flooring
- Brown pattern sheet flooring

## SITE OBSERVATIONS

Watts attempted to identify foundation waterproofing materials at this location, as these materials are potentially asbestos-containing. Watts did not observe any foundation waterproofing at this location.

Watts also attempted to identify caulks at this location, as these materials are potentially asbestos-containing. Watts did not observe any suspect caulks at this location.

The samples collected and the conditions noted reflect the areas that Watts' personnel observed. In the event other suspect materials are identified during work activities, Watts recommends these materials are sampled and analyzed for asbestos content.

Chain-of-custody forms, laboratory results, laboratory accreditations, and consultant's certifications and license relating to this ACM survey are included in this report. Also included is a sample location drawing indicating the approximate locations of the asbestos bulk samples collected. Refer to the appropriate sections of the report for this information.



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## 2.0 – ASBESTOS-CONTAINING MATERIALS

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## 2.0 ASBESTOS-CONTAINING MATERIALS

This section includes information on all suspect ACM sampled. This section contains the following: Homogeneous Materials List containing the homogeneous materials identified, their corresponding sample numbers and whether or not they are ACM, as well as a drawing identifying the approximate locations of asbestos bulk samples.

For each functional space, all ACM that was identified within that space has been inspected in order to determine its approximate quantity, condition, and whether it is friable or non-friable. Where possible, Watts visually inspected the identified ACM to assess its condition. The condition of the ACM was classified as good, fair or poor. The requirement for each designation is as follows:

*Good* Material with no visible damage or deterioration or showing very limited damage or deterioration.

*Fair* The surface of the material is crumbling, blistering, water-stained, gouged, punctured or otherwise damaged with the damage covering less than one tenth of the surface if the damage is evenly distributed or up to 25% of the material if the damage is localized.

*Poor* The surface of the material is crumbling, blistering, water-stained, gouged, punctured or otherwise damaged with the damage covering more than one tenth of the surface if the damage is evenly distributed or more than 25% of the material if the damage is localized. Material with large areas hanging from the substrate, delaminated, heavily gouged, crushed, etc.

### Results

NA – Not Analyzed

ND – None Detected

NA/PS – Not Analyzed/Positive Stop

NON-ACM – Final residue < 1% of original subsample

### Type

M – Miscellaneous

T – Thermal System Insulation

S – Surfacing

### ACM

Y – Yes

N – No

**Bold rows identify asbestos-containing materials.**

HOMOGENEOUS MATERIALS LIST  
777 BUSTI AVENUE  
BUFFALO, NEW YORK

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Rolled Roofing	West Roof, North Main Roof, SE Corner	M	777-01 777-02	ND ND	ND ND	N
Roof Tar Paper	West Roof, North Main Roof, SE Corner	M	777-03 777-04	ND ND	ND ND	N
Felt Paper under Slate Roof	Main Roof, SE Main Roof, SE	M	777-05 777-06	ND ND	ND ND	N
<b>Roof Tar</b>	<b>West Roof, North Main Roof, SE Corner</b>	<b>M</b>	<b>777-07 777-08</b>	<b>9.4% Chrysotile NA/PS</b>	<b>NA NA</b>	<b>Y</b>
Roof Shingle	2 <sup>nd</sup> Floor West Window Awning 1 <sup>st</sup> Floor West Window Awning	M	777-09 777-10	ND ND	ND ND	N
<b>Chimney Tar</b>	<b>West Roof, North Main Roof, SE End</b>	<b>M</b>	<b>777-11 777-12</b>	<b>13.3 % Chrysotile NA/PS</b>	<b>NA NA</b>	<b>Y</b>
Chimney Brick Mortar	West Roof, North Main Roof, SE End	M	777-13 777-14	ND ND	NA NA	N
Felt Paper under Siding	South Wall, East East Wall, South	M	777-15 777-16	ND NON-ACM	ND NA	N
Felt Paper under Concrete Porch	South Entrance Porch South Entrance Porch	M	777-17 777-18	ND ND	ND ND	N
Glazing on Storm Window	North Wall, West South Wall, West	M	777-19 777-20	ND ND	ND ND	N
Glazing on Stained Glass Window	North Wall, West North Wall, West	M	777-21 777-22	ND ND	ND ND	N
Window Glazing	North Wall, West North Wall, East	M	777-23 777-24	ND ND	ND ND	N
Glazing on Basement Window	North Wall, West North Wall, East	M	777-25 777-26	ND ND	ND ND	N
Old House Wiring	2 <sup>nd</sup> Floor NW Bedroom 2 <sup>nd</sup> Floor NW Bedroom	M	777-27 777-28	NON-ACM NON-ACM	NA NA	N
Grout on Mosaic Wall Tile	2 <sup>nd</sup> Floor Bathroom, Tub 2 <sup>nd</sup> Floor Bathroom, Tub	M	777-29 777-30	ND ND	NA NA	N
Adhesive on Mosaic Wall Tile	2 <sup>nd</sup> Floor Bathroom, Tub 2 <sup>nd</sup> Floor Bathroom, Tub	M	777-31 777-32	ND ND	ND ND	N
<b>Kitchen Wall Tile Adhesive</b>	<b>1<sup>st</sup> Floor, SE 2<sup>nd</sup> Floor, SE</b>	<b>M</b>	<b>777-33 777-34</b>	<b>ND ND</b>	<b>5.0% Tremolite NA/PS</b>	<b>Y</b>
<b>Wall Panel Adhesive</b>	<b>1<sup>st</sup> Floor Living Room, SE 1<sup>st</sup> Floor Living Room, SW</b>	<b>M</b>	<b>777-35 777-36</b>	<b>&lt;1% Chrysotile &lt;1% Chrysotile</b>	<b>1.3% Chrysotile NA/PS</b>	<b>Y</b>

**HOMOGENEOUS MATERIALS LIST  
777 BUSTI AVENUE  
BUFFALO, NEW YORK**

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
4" Brown Cove Base & Adhesive	2 <sup>nd</sup> Floor Kitchen, SE 1 <sup>st</sup> Floor Kitchen, North	M	777-37 777-38	ND ND	ND ND	N
1' x 1' Ceiling Tile	2 <sup>nd</sup> Floor Dining Room 2 <sup>nd</sup> Floor Living Room	M	777-39 777-40	ND ND	ND ND	N
Gypsum Board	1 <sup>st</sup> Floor NE Bedroom 1 <sup>st</sup> Floor NW Bedroom	M	777-41 777-42	ND ND	NA NA	N
Plaster	1 <sup>st</sup> Floor NE Bedroom 1 <sup>st</sup> Floor Living Room 1 <sup>st</sup> Floor NW Bedroom 2 <sup>nd</sup> Floor NE Bedroom 2 <sup>nd</sup> Floor Kitchen 2 <sup>nd</sup> Floor SE Bedroom 2 <sup>nd</sup> Floor Dining Room	S	777-43 777-44 777-45 777-46 777-47 777-48 777-49	ND ND ND ND ND ND ND	NA NA NA NA NA NA NA	N
9"x9" Gold Floor Tile & Adhesive	1 <sup>st</sup> Floor Bathroom 1 <sup>st</sup> Floor Bathroom	M	777-50 777-51	2.2% Chrysotile NA/PS	NA NA	Y
12"x12" Stone Pattern Floor Tile & Adhesive	1 <sup>st</sup> Floor Kitchen 1 <sup>st</sup> Floor Kitchen	M	777-52 777-53	<1% Chrysotile 9.2% Chrysotile	NA NA	Y
12"x12" Wood Grain Floor Tile & Adhesive	2 <sup>nd</sup> Floor SE Bedroom 2 <sup>nd</sup> Floor SE Bedroom	M	777-54 777-55	ND ND	ND ND	N
12"x12" Tan Stone Floor Tile & Adhesive	1 <sup>st</sup> Floor NW Bedroom 1 <sup>st</sup> Floor NW Bedroom	M	777-56 777-57	8.0% Chrysotile NA/PS	NA NA	Y
12"x12" Club Pattern Floor Tile & Adhesive	Hall at 2 <sup>nd</sup> Floor Bathroom Hall at 2 <sup>nd</sup> Floor Bathroom	M	777-58 777-59	ND ND	1.3% Anthophyllite NA/PS	Y
12"x12" Textured Grey Floor Tile & Adhesive	1 <sup>st</sup> Floor Hall at SE Bedroom 1 <sup>st</sup> Floor SE Bedroom	M	777-60 777-61	11.0% Chrysotile (tile) 3.9% Chrysotile (adhesive) NA/PS	NA NA	Y
Yellow Specked Paneling	1 <sup>st</sup> Floor Entry Vestibule, Wall 1 <sup>st</sup> Floor Closet at Entry Vestibule, Floor	M	777-62 777-63	ND ND	ND ND	N
Faux Wood Sheet Flooring	Closet at 2 <sup>nd</sup> Floor Stair Landing Closet at 2 <sup>nd</sup> Floor Stair Landing	M	777-64 777-65	ND ND	ND ND	N
Brown Sheet Flooring (2nd Layer)	1 <sup>st</sup> Fl Closet at Entry Vestibule 1 <sup>st</sup> Fl Closet at Entry Vestibule	M	777-66 777-67	ND ND	ND ND	N
Green Sheet Flooring	1 <sup>st</sup> Floor Entry Vestibule, Floor 1 <sup>st</sup> Floor Entry Vestibule, Floor	M	777-68 777-69	6.1% Chrysotile NA/PS	NA NA	Y
Marbled Sheet Flooring	Middle Stair Landing Middle Stair Landing	M	777-70 777-71	ND ND	ND ND	N

HOMOGENEOUS MATERIALS LIST  
777 BUSTI AVENUE  
BUFFALO, NEW YORK

Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
				PLM	TEM	
Parquet Sheet Flooring	2 <sup>nd</sup> Floor NE Bedroom	M	777-72	ND	ND	N
	2 <sup>nd</sup> Floor NE Bedroom		777-73	ND	ND	
Grey Pattern Sheet Flooring	2 <sup>nd</sup> Floor Bathroom	M	777-74	ND	ND	N
	2 <sup>nd</sup> Floor Bathroom		777-75	ND	ND	
Brown Pattern Sheet Flooring	2 <sup>nd</sup> Floor Kitchen	M	777-76	ND	ND	N
	2 <sup>nd</sup> Floor Kitchen		777-77	ND	ND	

## IDENTIFIED ASBESTOS-CONTAINING MATERIALS SUMMARY

777 BUSTI AVENUE  
BUFFALO, NEW YORK

Room	Identified ACM	Approximate Quantity	Condition	Friable/ Non-Friable
Exterior				
Roof	Roofing Tar on Flashing and Gutters	155 SF	Fair	Non-Friable
	Tar on Chimney	40 SF	Fair	Non-Friable
Basement				
Basement	No Identified ACM			
First Floor				
Vestibule	Green Sheet Flooring	12 SF	Fair	Non-Friable
Living Room	Wood Panel Adhesive	176 SF	Fair	Non-Friable
Front Closet	No Identified ACM			
Kitchen	12"x12" Stone Pattern Floor tile & Mastic	230 SF	Fair	Non-Friable
	4"x4" Wall Tile Adhesive	250 SF	Fair	Non-Friable
	Misc. Sheet Flooring on Cabinet Shelves*	50 SF	Fair	Non-Friable
Rear Entrance	12"x12" Stone Pattern Floor Tile &Mastic	13 SF	Fair	Non-Friable
Bathroom Hallway	12"x12" Stone Pattern Floor Tile &Mastic	20 SF	Fair	Non-Friable
Bathroom	9"x9" Gold Floor tile & Mastic	25 SF	Fair	Non-Friable
	4"x4" Wall Tile Adhesive	110 SF	Fair	Non-Friable
Northwest Bedroom	12"x12" Tan Stone Pattern Floor tile & Mastic	100 SF	Fair	Non-Friable
Northeast Bedroom	12"x12" Textured Grey Floor tile & Mastic	100 SF	Fair	Non-Friable
Southeast Bedroom	12"x12" Textured Grey Floor tile & Mastic	100 SF	Fair	Non-Friable
Hallway Between Bedrooms	12"x12" Textured Grey Floor tile & Mastic	12 SF	Fair	Non-Friable
Second Floor				
Entrance and Stairway	No Identified ACM			
Living Room	Wood Panel Adhesive	120 SF	Fair	Non-Friable
Dining Room	No Identified ACM			
Kitchen	4"x4" Wall Tile Adhesive	250 SF	Fair	Non-Friable
Bathroom Hallway and Closet	12"x12" Club Patterned Floor tile and Mastic	50 SF	Fair	Non-Friable
Bathroom	4"x4" Wall Tile Adhesive	110 SF	Fair	Non-Friable
Northeast Bedroom	No Identified ACM			
Southeast Bedroom	No Identified ACM			
Attic				
Attic	No Identified ACM			

\* There is approximately 50 square feet of miscellaneous sheet flooring materials throughout the shelving/cabinets in the 1<sup>st</sup> floor kitchen. All of these materials are presumed to be ACM.

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## 2.1 – LABORATORY REPORT

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**EMSL Analytical, Inc.**

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**95 Perry Street**  
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 Collected: 1/25/2012  
 Received: 01/25/2012 5:10 PM  
 Analysis Date: 2/1/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-01	PLM NYS 198.1 Friable						Not Analyzed
141200459-0001	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
rolled roofing	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-02	PLM NYS 198.1 Friable						Not Analyzed
141200459-0002	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
rolled roofing	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-03	PLM NYS 198.1 Friable						Not Analyzed
141200459-0003	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
roof tar paper	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-04	PLM NYS 198.1 Friable						Not Analyzed
141200459-0004	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
roof tar paper	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-05	PLM NYS 198.1 Friable						Not Analyzed
141200459-0005	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
felt paper under slate roof	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-06	PLM NYS 198.1 Friable						Not Analyzed
141200459-0006	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
felt paper under slate roof	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-07	PLM NYS 198.1 Friable						Not Analyzed
141200459-0007	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	9.4% Chrysotile	
roof tar						9.4% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	

Report Amended 02/08/2012 12:04:59 Replaces Report Amended 02/01/2012 18:50:19. Reason Code: Analyst-Comment Change 777-16



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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-08	PLM NYS 198.1 Friable						Not Analyzed
141200459-0008	PLM NYS 198.6 NOB	1/31/2012			N/A	Positive Stop (Not Analyzed)	
roof tar	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-09	PLM NYS 198.1 Friable						Not Analyzed
141200459-0009	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
roof shingle	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-10	PLM NYS 198.1 Friable						Not Analyzed
141200459-0010	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
roof shingle	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-11	PLM NYS 198.1 Friable						Not Analyzed
141200459-0011	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	13.3% Chrysotile	
chimney tar						13.3% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-12	PLM NYS 198.1 Friable						Not Analyzed
141200459-0012	PLM NYS 198.6 NOB	1/31/2012			N/A	Positive Stop (Not Analyzed)	
chimney tar	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-13	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0013	PLM NYS 198.6 NOB				N/A		Not Analyzed
chimney brick mortar	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-14	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0014	PLM NYS 198.6 NOB				N/A		Not Analyzed
chimney brick mortar	TEM NYS 198.4 NOB				N/A		Not Analyzed

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 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-15	PLM NYS 198.1 Friable						Not Analyzed
141200459-0015	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
felt paper under siding	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-16	PLM NYS 198.1 Friable						Not Analyzed
141200459-0016	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Residue	Final Residue <1% of original subsample, Non-ACM.
felt paper under siding	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-17	PLM NYS 198.1 Friable						Not Analyzed
141200459-0017	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
felt paper under concrete porch	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-18	PLM NYS 198.1 Friable						Not Analyzed
141200459-0018	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
felt paper under concrete porch	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-19	PLM NYS 198.1 Friable						Not Analyzed
141200459-0019	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
glazing on storm window	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-20	PLM NYS 198.1 Friable						Not Analyzed
141200459-0020	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
glazing on storm window	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-21	PLM NYS 198.1 Friable						Not Analyzed
141200459-0021	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
glazing on stained glass window	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	

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CustomerPO:	
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Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
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 Collected: 1/25/2012  
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 Analysis Date: 2/1/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-22	PLM NYS 198.1 Friable						Not Analyzed
141200459-0022	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
glazing on stained glass window	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-23	PLM NYS 198.1 Friable						Not Analyzed
141200459-0023	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
window glazing	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-24	PLM NYS 198.1 Friable						Not Analyzed
141200459-0024	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
window glazing	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-25	PLM NYS 198.1 Friable						Not Analyzed
141200459-0025	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
glazing on basement window	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-26	PLM NYS 198.1 Friable						Not Analyzed
141200459-0026	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	Inconclusive: None Detected	
glazing on basement window	TEM NYS 198.4 NOB	2/1/2012	Gray		N/A	None Detected	
777-27	PLM NYS 198.1 Friable						Not Analyzed
141200459-0027	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Residue	Final Residue <1% of original subsample, Non-ACM.
old house wiring	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-28	PLM NYS 198.1 Friable						Not Analyzed
141200459-0028	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Residue	Final Residue <1% of original subsample, Non-ACM.
old house wiring	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	

Report Amended 02/08/2012 12:04:59 Replaces Report Amended 02/01/2012 18:50:19. Reason Code: Analyst-Comment Change 777-16

**EMSL Analytical, Inc.**

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EMSL Order: 141200459  
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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-29	PLM NYS 198.1 Friable	2/1/2012	Cream		100%	None Detected	
141200459-0029	PLM NYS 198.6 NOB				N/A		Not Analyzed
grout on mosaic wall tile	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-30	PLM NYS 198.1 Friable	2/1/2012	Cream		100%	None Detected	
141200459-0030	PLM NYS 198.6 NOB				N/A		Not Analyzed
grout on mosaic wall tile	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-31	PLM NYS 198.1 Friable						Not Analyzed
141200459-0031	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
adhesive on mosaic wall tile	TEM NYS 198.4 NOB	2/1/2012	Tan		N/A	None Detected	
777-32	PLM NYS 198.1 Friable						Not Analyzed
141200459-0032	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
adhesive on mosaic wall tile	TEM NYS 198.4 NOB	2/1/2012	Tan		N/A	None Detected	
777-33	PLM NYS 198.1 Friable						Not Analyzed
141200459-0033	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
kitchen wall tile adhesive	TEM NYS 198.4 NOB	2/1/2012	Tan		N/A	5.0% Tremolite 5.0% Total	
777-34	PLM NYS 198.1 Friable						Not Analyzed
141200459-0034	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
kitchen wall tile adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-35	PLM NYS 198.1 Friable						Not Analyzed
141200459-0035	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	<1% Chrysotile	
wall panel adhesive						Inconclusive - <1% Total	
	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	1.3% Chrysotile	
						1.3% Total	
777-36	PLM NYS 198.1 Friable						Not Analyzed
141200459-0036	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	<1% Chrysotile	
wall panel adhesive						Inconclusive - <1% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	
777-37	PLM NYS 198.1 Friable						Not Analyzed
141200459-0037	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	Inconclusive: None Detected	
4" brown cove base	TEM NYS 198.4 NOB	2/1/2012	Black		N/A	None Detected	
777-37	PLM NYS 198.1 Friable						Not Analyzed
141200459-0038	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
adhesive	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-38	PLM NYS 198.1 Friable						Not Analyzed
141200459-0039	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
4" brown cove base	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-38	PLM NYS 198.1 Friable						Not Analyzed
141200459-0040	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
adhesive	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-39	PLM NYS 198.1 Friable						Not Analyzed
141200459-0041	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
1'x1' ceiling tile	TEM NYS 198.4 NOB	2/1/2012	Tan		N/A	None Detected	
777-40	PLM NYS 198.1 Friable						Not Analyzed
141200459-0042	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
1'x1' ceiling tile	TEM NYS 198.4 NOB	2/1/2012	Tan		N/A	None Detected	
777-41-Drywall	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0043	PLM NYS 198.6 NOB				N/A		Not Analyzed
gypsum board	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-41-Paper	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200459-0043A	PLM NYS 198.6 NOB				N/A		Not Analyzed
gypsum board	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-42-Drywall	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0044	PLM NYS 198.6 NOB				N/A		Not Analyzed
gypsum board	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-42-Paper	PLM NYS 198.1 Friable	2/1/2012	Brown	95.00% Cellulose	5%	None Detected	
141200459-0044A	PLM NYS 198.6 NOB				N/A		Not Analyzed
gypsum board	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-43-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0045	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-43-Base Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0045A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-44-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0046	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-44-Base Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0046A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-45-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0047	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-45-Base Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0047A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-46-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0048	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-46-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0048A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-47-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0049	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-47-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0049A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-48-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0050	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-48-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0050A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-49-Skim Coat	PLM NYS 198.1 Friable	2/1/2012	White		100%	None Detected	
141200459-0051	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-49-Base Coat	PLM NYS 198.1 Friable	2/1/2012	Gray		100%	None Detected	
141200459-0051A	PLM NYS 198.6 NOB				N/A		Not Analyzed
plaster	TEM NYS 198.4 NOB				N/A		Not Analyzed
777-50	PLM NYS 198.1 Friable						Not Analyzed
141200459-0052	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	2.2% Chrysotile	
9" gold floor tile						2.2% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	

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 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-50	PLM NYS 198.1 Friable						Not Analyzed
141200459-0053	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Material	
adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-51	PLM NYS 198.1 Friable						Not Analyzed
141200459-0054	PLM NYS 198.6 NOB	1/31/2012			N/A	Positive Stop (Not Analyzed)	
9" gold floor tile	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-51	PLM NYS 198.1 Friable						Not Analyzed
141200459-0055	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Material	
adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-52	PLM NYS 198.1 Friable						Not Analyzed
141200459-0056	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	<1% Chrysotile	
12" stone pattern floor tile & adhesive						Inconclusive - <1% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-53	PLM NYS 198.1 Friable						Not Analyzed
141200459-0057	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	9.2% Chrysotile	
12" stone pattern floor tile & adhesive						9.2% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-54	PLM NYS 198.1 Friable						Not Analyzed
141200459-0058	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
12" wood grain floor tile	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-54	PLM NYS 198.1 Friable						Not Analyzed
141200459-0059	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
adhesive	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	

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**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-55	PLM NYS 198.1 Friable						Not Analyzed
141200459-0060	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
12" wood grain floor tile	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-55	PLM NYS 198.1 Friable						Not Analyzed
141200459-0061	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Material	
adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-56	PLM NYS 198.1 Friable						Not Analyzed
141200459-0062	PLM NYS 198.6 NOB	1/31/2012	Tan /Black		N/A	8.0% Chrysotile	
12" tan stone floor tile & adhesive						8.0% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-57	PLM NYS 198.1 Friable						Not Analyzed
141200459-0063	PLM NYS 198.6 NOB	1/31/2012			N/A	Positive Stop (Not Analyzed)	
12" tan stone floor tile & adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-58	PLM NYS 198.1 Friable						Not Analyzed
141200459-0064	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
12" club pattern floor tile	TEM NYS 198.4 NOB	2/1/2012	Tan		N/A	1.3% Anthophyllite	
						1.3% Total	
777-58	PLM NYS 198.1 Friable						Not Analyzed
141200459-0065	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Material	
adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-59	PLM NYS 198.1 Friable						Not Analyzed
141200459-0066	PLM NYS 198.6 NOB	1/31/2012	Tan		N/A	Inconclusive: None Detected	
12" club pattern floor tile	TEM NYS 198.4 NOB	2/1/2012			N/A	Positive Stop (Not Analyzed)	

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**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-59	PLM NYS 198.1 Friable						Not Analyzed
141200459-0067	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Material	
adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-60	PLM NYS 198.1 Friable						Not Analyzed
141200459-0068	PLM NYS 198.6 NOB	1/31/2012	Gray		N/A	11.0% Chrysotile	
12" textured gray floor tile						11.0% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-60	PLM NYS 198.1 Friable						Not Analyzed
141200459-0069	PLM NYS 198.6 NOB	1/31/2012	Black		N/A	3.9% Chrysotile	
adhesive						3.9% Total	
	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-61	PLM NYS 198.1 Friable						Not Analyzed
141200459-0070	PLM NYS 198.6 NOB	1/31/2012			N/A	Positive Stop (Not Analyzed)	
12" textured gray floor tile	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-61	PLM NYS 198.1 Friable						Not Analyzed
141200459-0071	PLM NYS 198.6 NOB	1/31/2012			N/A	Insufficient Material	
adhesive	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-62	PLM NYS 198.1 Friable						Not Analyzed
141200459-0072	PLM NYS 198.6 NOB	1/31/2012	Black /Yellow		N/A	Inconclusive: None Detected	
yellow speckled paneling	TEM NYS 198.4 NOB	2/1/2012	Black /Yellow		N/A	None Detected	
777-63	PLM NYS 198.1 Friable						Not Analyzed
141200459-0073	PLM NYS 198.6 NOB	1/31/2012	Black /Yellow		N/A	Inconclusive: None Detected	
yellow speckled paneling	TEM NYS 198.4 NOB	2/1/2012	Black /Yellow		N/A	None Detected	

Report Amended 02/08/2012 12:04:59 Replaces Report Amended 02/01/2012 18:50:19. Reason Code: Analyst-Comment Change 777-16

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone/Fax: (716) 651-0030 / (716) 651-0394

<http://www.emsl.com>[buffalolab@emsl.com](mailto:buffalolab@emsl.com)

EMSL Order:	141200459
CustomerID:	WATT50
CustomerPO:	
ProjectID:	Peace Bridge Autho

Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
 Fax: (716) 206-5199  
 Collected: 1/25/2012  
 Received: 01/25/2012 5:10 PM  
 Analysis Date: 2/1/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-64	PLM NYS 198.1 Friable						Not Analyzed
141200459-0074	PLM NYS 198.6 NOB	1/31/2012	Brown /Black		N/A	Inconclusive: None Detected	
faux wood sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Brown /Black		N/A	None Detected	
777-65	PLM NYS 198.1 Friable						Not Analyzed
141200459-0075	PLM NYS 198.6 NOB	1/31/2012	Brown /Black		N/A	Inconclusive: None Detected	
faux wood sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Brown /Black		N/A	None Detected	
777-66	PLM NYS 198.1 Friable						Not Analyzed
141200459-0076	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
brown sheet flooring, 2nd layer	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-67	PLM NYS 198.1 Friable						Not Analyzed
141200459-0077	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
brown sheet flooring, 2nd layer	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-68	PLM NYS 198.1 Friable						Not Analyzed
141200459-0078	PLM NYS 198.6 NOB	1/31/2012	Green		N/A	6.1% Chrysotile 6.1% Total	
green sheet flooring	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-69	PLM NYS 198.1 Friable						Not Analyzed
141200459-0079	PLM NYS 198.6 NOB	1/31/2012			N/A	Positive Stop (Not Analyzed)	
green sheet flooring	TEM NYS 198.4 NOB	2/1/2012			N/A	Not Analyzed	
777-70	PLM NYS 198.1 Friable						Not Analyzed
141200459-0080	PLM NYS 198.6 NOB	1/31/2012	Yellow		N/A	Inconclusive: None Detected	
marbled sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Yellow		N/A	None Detected	

Report Amended 02/08/2012 12:04:59 Replaces Report Amended 02/01/2012 18:50:19. Reason Code: Analyst-Comment Change 777-16

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Phone/Fax: (716) 651-0030 / (716) 651-0394

<http://www.emsl.com>[buffalolab@emsl.com](mailto:buffalolab@emsl.com)

EMSL Order:	141200459
CustomerID:	WATT50
CustomerPO:	
ProjectID:	Peace Bridge Autho

Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
 Fax: (716) 206-5199  
 Collected: 1/25/2012  
 Received: 01/25/2012 5:10 PM  
 Analysis Date: 2/1/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
 777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
777-71	PLM NYS 198.1 Friable						Not Analyzed
141200459-0081	PLM NYS 198.6 NOB	1/31/2012	Yellow		N/A	Inconclusive: None Detected	
marbled sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Yellow		N/A	None Detected	
777-72	PLM NYS 198.1 Friable						Not Analyzed
141200459-0082	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
parquet sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-73	PLM NYS 198.1 Friable						Not Analyzed
141200459-0083	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
parquet sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-74	PLM NYS 198.1 Friable						Not Analyzed
141200459-0084	PLM NYS 198.6 NOB	1/31/2012	Gray /Black		N/A	Inconclusive: None Detected	
gray pattern sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Gray /Black		N/A	None Detected	
777-75	PLM NYS 198.1 Friable						Not Analyzed
141200459-0085	PLM NYS 198.6 NOB	1/31/2012	Gray /Black		N/A	Inconclusive: None Detected	
gray pattern sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Gray /Black		N/A	None Detected	
777-76	PLM NYS 198.1 Friable						Not Analyzed
141200459-0086	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
brown pattern sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	
777-77	PLM NYS 198.1 Friable						Not Analyzed
141200459-0087	PLM NYS 198.6 NOB	1/31/2012	Brown		N/A	Inconclusive: None Detected	
brown pattern sheet flooring	TEM NYS 198.4 NOB	2/1/2012	Brown		N/A	None Detected	

Report Amended 02/08/2012 12:04:59 Replaces Report Amended 02/01/2012 18:50:19. Reason Code: Analyst-Comment Change 777-16

**EMSL Analytical, Inc.**

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Phone/Fax: (716) 651-0030 / (716) 651-0394

<http://www.emsl.com>[buffalolab@emsl.com](mailto:buffalolab@emsl.com)

EMSL Order:	141200459
CustomerID:	WATT50
CustomerPO:	
ProjectID:	Peace Bridge Autho

Attn: **Sean Marmion**  
**Watts Architecture & Engineering, P.C.**  
**95 Perry Street**  
**Suite 300**

Phone: (716) 206-5100  
Fax: (716) 206-5199  
Collected: 1/25/2012  
Received: 01/25/2012 5:10 PM  
Analysis Date: 2/1/2012

Project: **12005 / PBA, Busti Avenue Residence Structures,  
777 Busti Avenue**

**Test Report:Asbestos Analysis of Bulk Material**

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		

Analyst(s)

*Rachel Giese**Rhonda McGee**Tom Hanes*

Rhonda McGee, Laboratory Manager  
or other approved signatory

NOB = Non Friable Organically Bound N/A = Not Applicable

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The results in this report meet all requirements of the NELAC Standards unless otherwise noted. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB's. Quantitative TEM is currently the only method that can be used to determine if a NOB material can be considered or treated as non-asbestos containing.

Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Report Amended 02/08/2012 12:04:59 Replaces Report Amended 02/01/2012 18:50:19. Reason Code: Analyst-Comment Change 777-16

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## 2.2 – CHAIN-OF-CUSTODY FORMS

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## BULK SAMPLE CHAIN-OF-CUSTODY FORM

The purpose of the chain-of-custody form is to reduce the possibility of misidentifying individual samples, to help trace any samples that may be lost, and to provide a record certifying that the samples were delivered to and received by the analytical laboratory.

An important feature of this form is the signature section at the bottom, identifying all persons who handled the samples.



**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200459

Page: 1 of 7Client: Buffalo & Fort Erie Public Bridge AuthorityDate: 1/25/2012Project: PBA - Busti Avenue Residential StructuresWatts Project No.: 12005Building / Location: 777 Busti AvenueContact: Sean Marmion at (716) 361-0996Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to:

Analysis Requested: 6 Hr. 96 Hr.Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203PLM X TEM X  
24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-01	Rolled Roofing	West Roof, North		
777-02	Rolled Roofing	Main Roof, SE Corner		
777-03	Roof Tar Paper	West Roof, North		
777-04	Roof Tar Paper	Main Roof, SE Corner		
777-05	Felt Paper under Slate Roof	Main Roof, SE		
777-06	Felt Paper under Slate Roof	Main Roof, SE		
777-07	Roof Tar	West Roof, North		
777-08	Roof Tar	Main Roof, SE Corner		
777-09	Roof Shingle	2nd Floor West Window Awning		
777-10	Roof Shingle	1st Floor West Window Awning		
777-11	Chimney Tar	West Roof, North		
777-12	Chimney Tar	Main Roof, SE End		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M Date: 1/25/12 5:14pmRelinquished By: [Signature] Date: 1/25/2012 Received By:                      Date:                     Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200459

Page: 2 of 7

Client: Buffalo & Fort Erie Public Bridge Authority  
 Project: PBA - Busti Avenue Residential Structures  
 Building / Location: 777 Busti Avenue

Watts Project No.: 12005Date: 1/25/2012Contact: Sean Marmion at (716) 361-0996

Email Preliminary Results to:

Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

Turnaround Requested: 3 Hr. 72 Hr.  
 Analysis Requested: 6 Hr. 96 Hr.  
 PLM X TEM X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-13	Chimney Brick Mortar	West Roof, North		
777-14	Chimney Brick Mortar	Main Roof, SE End		
777-15	Felt Paper under Siding	South Wall, East		
777-16	Felt Paper under Siding	East Wall, South		
777-17	Felt Paper under Concrete Porch	South Entrance Porch		
777-18	Felt Paper under Concrete Porch	South Entrance Porch		
777-19	Glazing on Storm Window	North Wall, West		
777-20	Glazing on Storm Window	South Wall, West		
777-21	Glazing on Stained Glass Window	North Wall, West		
777-22	Glazing on Stained Glass Window	North Wall, West		
777-23	Window Glazing	North Wall, West		
777-24	Window Glazing	North Wall, East		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M. Du Date: 1/25/12 5:10AM

Relinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

**141200459**

Page: 3 of 7

Client: Buffalo & Fort Erie Public Bridge Authority  
Project: PBA - Busti Avenue Residential Structures  
Building / Location: 777 Busti Avenue  
Contact: Sean Marmion at (716) 361-0996

Date: 1/15/2012  
Watts Project No.: 12005

Email Preliminary Results to:  
Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

Turnaround Requested: 3 Hr. 72 Hr.  
Analysis Requested: 6 Hr. 96 Hr.  
PLM X TEM X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-25	Glazing on Basement Window	North Wall, West		
777-26	Glazing on Basement Window	North Wall, East		
777-27	Old House Wiring	2nd Floor, NW Bedroom		
777-28	Old House Wiring	2nd Floor, NW Bedroom		
777-29	Grout on Mosaic Wall Tile	2nd Floor Bathroom, Tub		
777-30	Grout on Mosaic Wall Tile	2nd Floor Bathroom, Tub		
777-31	Adhesive on Mosaic Wall Tile	2nd Floor Bathroom, Tub		
777-32	Adhesive on Mosaic Wall Tile	2nd Floor Bathroom, Tub		
777-33	Kitchen Wall Tile Adhesive	1st Floor - SE		
777-34	Kitchen Wall Tile Adhesive	2nd Floor - SE		
777-35	Wall Panel Adhesive	1st Floor Living Rm, SE		
777-36	Wall Panel Adhesive	1st Floor Living Rm, SW		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M Date: 1/25/12 5:10PM  
Relinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

Page: 4 of 7

**141200459**

**Client:** Buffalo & Fort Erie Public Bridge Authority  
**Project:** PBA - Busti Avenue Residential Structures  
**Building / Location:** 777 Busti Avenue

**Date:** 1/25/2012

**Watts Project No.:** 12005

**Contact:** Sean Marmion at (716) 361-0996

**Turnaround Requested:** 3 Hr. 72 Hr.  
**Analysis Requested:** 6 Hr. 96 Hr.  
PLM X TEM X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

**Email Preliminary Results to:**

**Mail Report & Invoice to:** Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-37	4" Brown Cove Base & Adhesive	2nd Floor Kitchen, SE		
777-38	4" Brown Cove Base & Adhesive	1st Floor Kitchen, North		
777-39	1' x 1' Ceiling Tile	2nd Floor, Dining Room		
777-40	1' x 1' Ceiling Tile	2nd Floor, Living Room		
777-41	Gypsum Board	1st Floor, NE Bedroom		
777-42	Gypsum Board	1st Floor, NW Bedroom		
777-43	Plaster	1st Floor, NE Bedroom		
777-44	Plaster	1st Floor, Living Room		
777-45	Plaster	1st Floor, NW Bedroom		
777-46	Plaster	2nd Floor, NE Bedroom		
777-47	Plaster	2nd Floor, Kitchen		
777-48	Plaster	2nd Floor, SE Bedroom		

**Sampled By:** Sean Marmion *[Signature]* **Date:** 1/23/2012 **Received By:** Bill M DO **Date:** 1/25/12 5:14PM

**Relinquished By:** *[Signature]* **Date:** 1/25/2012 **Received By:**                      **Date:**                     

**Comments:** Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200459

Page: 5 of 7Client: Buffalo & Fort Erie Public Bridge AuthorityDate: 1/25/2012Project: PBA - Busti Avenue Residential StructuresWatts Project No.: 12005Building / Location: 777 Busti AvenueContact: Sean Marmion at (716) 361-0996Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to:

Analysis Requested: 6 Hr. 96 Hr.Mail Report & Invoice to: Watts Architecture & Engineering, P.C.PLM X TEM X 24 Hr. X 1 Week95 Perry Street, Suite 300, Buffalo, NY 1420348 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-49	Plaster	2nd Floor, Dining Room		
777-50	9" Gold Floor Tile & Adhesive	1st Floor Bathroom		
777-51	9" Gold Floor Tile & Adhesive	1st Floor Bathroom		
777-52	12" Stone Pattern Floor Tile & Adhesive	1st Floor Kitchen		
777-53	12" Stone Pattern Floor Tile & Adhesive	1st Floor Kitchen		
777-54	12" Wood Grain Floor Tile & Adhesive	2nd Floor, SE Bedroom		
777-55	12" Wood Grain Floor Tile & Adhesive	2nd Floor, SE Bedroom		
777-56	12" Tan Stone Floor Tile & Adhesive	1st Floor, NW Bedroom		
777-57	12" Tan Stone Floor Tile & Adhesive	1st Floor, NW Bedroom		
777-58	12" Club Pattern Floor Tile & Adhesive	Hall at 2nd Floor Bathroom		
777-59	12" Club Pattern Floor Tile & Adhesive	Hall at 2nd Floor Bathroom		
777-60	12" Textured Grey Floor Tile & Adhesive	1st Floor, Hall at SE Bedroom		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M. Do Date: 1/25/12 5:14PMRelinquished By: [Signature] Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

**WATTS ARCHITECTURE & ENGINEERING, P.C.**  
**ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

141200459

Page: 6 of 7Client: Buffalo & Fort Erie Public Bridge AuthorityDate: 1/25/2012Project: PBA - Busti Avenue Residential StructuresWatts Project No.: 12005Building / Location: 777 Busti AvenueContact: Sean Marmion at (716) 361-0996Turnaround Requested: 3 Hr. 72 Hr.

Email Preliminary Results to:

Analysis Requested: 6 Hr. 96 Hr.Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203PLM X TEM X  
24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-61	12" Textured Grey Floor Tile & Adhesive	1st Floor, SE Bedroom		
777-62	Yellow Specked Paneling	1st Floor Entry Vestibule, Wall		
777-63	Yellow Specked Paneling	1st Floor, Closet at Entry Vestibule, Floor		
777-64	Faux Wood Sheet Flooring	Closet at 2nd Floor Stair Landing		
777-65	Faux Wood Sheet Flooring	Closet at 2nd Floor Stair Landing		
777-66	Brown Sheet Flooring (2nd Layer)	1st Floor, Closet at Entry Vestibule, Floor		
777-67	Brown Sheet Flooring (2nd Layer)	1st Floor, Closet at Entry Vestibule, Floor		
777-68	Green Sheet Flooring	1st Floor Entry Vestibule, Floor		
777-69	Green Sheet Flooring	1st Floor Entry Vestibule, Floor		
777-70	Marbled Sheet Flooring	Middle Stair Landing		
777-71	Marbled Sheet Flooring	Middle Stair Landing		
777-72	Parquet Sheet Flooring	2nd Floor, NE Bedroom		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M DO Date: 1/25/12 5:14pmRelinquished By: clz Date: 1/25/2012 Received By: \_\_\_\_\_ Date: \_\_\_\_\_Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.



**WATTS ARCHITECTURE & ENGINEERING, P.C.  
ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY**

**141200459**

Page: 7 of 7

Client: Buffalo & Fort Erie Public Bridge Authority

Project: PBA - Busti Avenue Residential Structures

Building / Location: 777 Busti Avenue

Contact: Sean Marmion at (716) 361-0996

Email Preliminary Results to:

Mail Report & Invoice to: Watts Architecture & Engineering, P.C.  
95 Perry Street, Suite 300, Buffalo, NY 14203

Date: 1/25/2012

Watts Project No.: 12005

Turnaround Requested: 3 Hr. 72 Hr.  
Analysis Requested: 6 Hr. 96 Hr.  
PLM X TEM X 24 Hr. X 1 Week  
48 Hr. 2 Weeks

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
777-73	Parquet Sheet Flooring	2nd Floor, NE Bedroom		
777-74	Grey Pattern Sheet Flooring	2nd Floor Bathroom		
777-75	Grey Pattern Sheet Flooring	2nd Floor Bathroom		
777-76	Brown Pattern Sheet Flooring	2nd Floor Kitchen		
777-77	Brown Pattern Sheet Flooring	2nd Floor Kitchen		

Sampled By: Sean Marmion Date: 1/23/2012 Received By: Bill M. DeS Date: 1/25/2012 5:10PM

Relinquished By: [Signature] Date: 1/25/2012 Received By:   Date:  

Comments: Please analyze all NOBs by TEM, if Negative after PLM. Stop at 1st Positive.

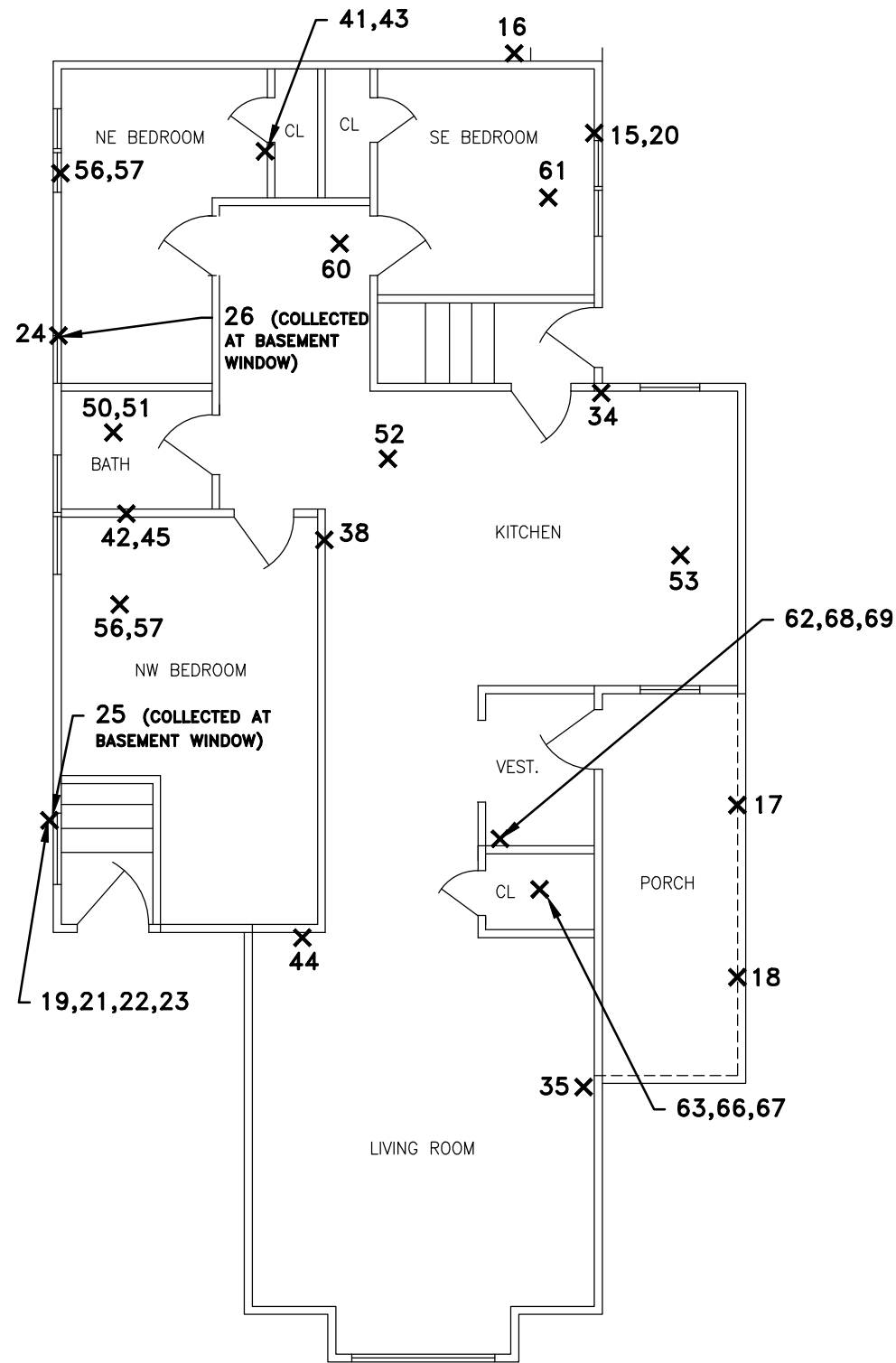
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## 2.3 – SAMPLE LOCATION DRAWING

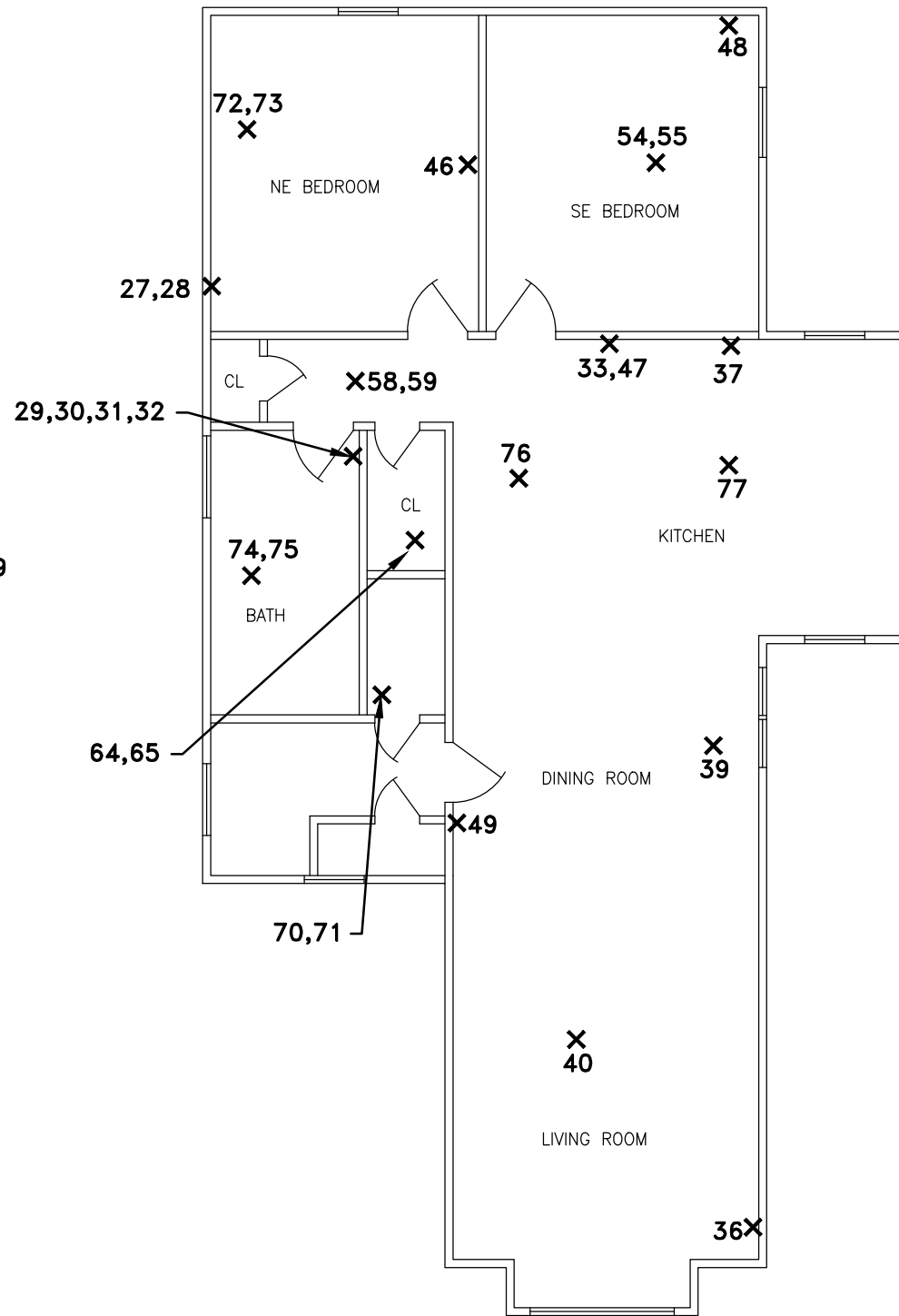
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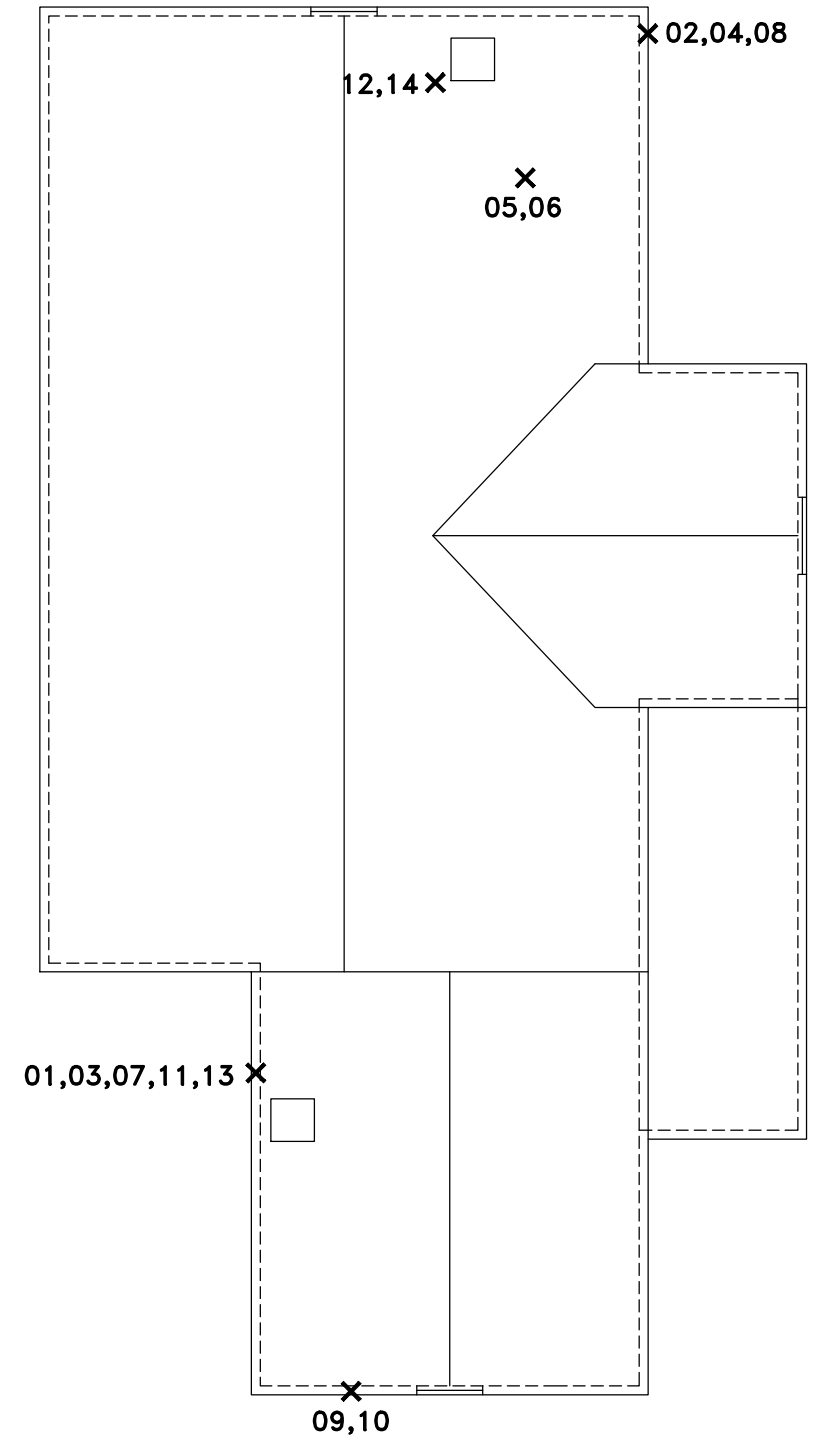
H:\2012\12005 Demolition of residential structures at Busti Avenue\18. CADD\Environmental\SL-1.dwg Feb 28, 2012, 2:58pm



FIRST FLOOR PLAN



SECOND FLOOR PLAN



ROOF PLAN

ALL SAMPLES ARE PREFIXED BY 777-

X INDICATES APPROXIMATE SAMPLE LOCATION  
SAMPLES WERE COLLECTED ON JANUARY 19 & 23, 2012.



**WATTS  
ARCHITECTURE &  
ENGINEERING, P.C.**  
95 Perry Street, Suite 300  
Buffalo, New York 14203  
(716) 206-5100 | (716) 206-5199 Fax

ASBESTOS BULK SAMPLE LOCATIONS

777 BUSTI AVENUE  
BUFFALO, NEW YORK

NOT TO SCALE

FEBRUARY 2012

PBA000778

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## 3.0 – LABORATORY ACCREDITATIONS

---



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMSL Analytical, Inc.**

490 Rowley Road

Depew, NY 14043

Ms. Rhonda McGee

Phone: (716) 651-0030 Fax: (716) 651-0394

E-Mail: [rmcgee@emsl.com](mailto:rmcgee@emsl.com)

URL: <http://www.emsl.com/>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 200056-0**

***NVLAP Code    Designation / Description***

**18/A01            EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation  
Samples**

2011-07-01 through 2012-06-30

*Effective dates*

*Sally S. Bruce*

*For the National Institute of Standards and Technology*